

and 1018-0094. The Service may not conduct or sponsor, and you are not required to respond to, a collection of information unless it displays a currently valid OMB control number. We are collecting this information to provide information necessary to evaluate permit applications. We will use this information to review permit applications and make decisions, according to criteria established in various Federal wildlife conservation statutes and regulations, on the issuance, suspension, revocation, or denial of permits. You must respond to obtain or retain a permit. We estimate the public reporting burden for these reporting requirements to vary from 2 to 2½ hours per response, including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms. Direct comments regarding the burden estimate or any other aspect of these reporting requirements to the Service Information Collection Control Officer, MS-222 ARLSQ, U.S. Fish and Wildlife Service, Washington, DC 20240, or the Office of Management and Budget, Paperwork Reduction Project (1018-0093/0094), Washington, DC 20603.

[63 FR 52635, Oct. 1, 1998. Redesignated at 72 FR 48446, Aug. 23, 2007]

### **Subpart B—Lists**

#### **§ 17.11 Endangered and threatened wildlife.**

(a) The list in this section contains the names of all species of wildlife which have been determined by the Services to be Endangered or Threatened. It also contains the names of species of wildlife treated as Endangered or Threatened because they are sufficiently similar in appearance to Endangered or Threatened species (see § 17.50 *et seq.*).

(b) The columns entitled "Common Name," "Scientific Name," and "Vertebrate Population Where Endangered or Threatened" define the species of wildlife within the meaning of the Act. Thus, differently classified geographic populations of the same vertebrate subspecies or species shall be identified by their differing geographic boundaries, even though the other two columns are identical. The

term "Entire" means that all populations throughout the present range of a vertebrate species are listed. Although common names are included, they cannot be relied upon for identification of any specimen, since they may vary greatly in local usage. The Services shall use the most recently accepted scientific name. In cases in which confusion might arise, a synonym(s) will be provided in parentheses. The Services shall rely to the extent practicable on the *International Code of Zoological Nomenclature*.

(c) In the "Status" column the following symbols are used: "E" for Endangered, "T" for Threatened, and "E [or T] (S/A)" for similarity of appearance species.

(d) The other data in the list are non-regulatory in nature and are provided for the information of the reader. In the annual revision and compilation of this title, the following information may be amended without public notice: the spelling of species' names, historical range, footnotes, references to certain other applicable portions of this title, synonyms, and more current names. In any of these revised entries, neither the species, as defined in paragraph (b) of this section, nor its status may be changed without following the procedures of part 424 of this title.

(e) The "historic range" indicates the known general distribution of the species or subspecies as reported in the current scientific literature. The present distribution may be greatly reduced from this historic range. This column does not imply any limitation on the application of the prohibitions in the Act or implementing rules. Such prohibitions apply to all individuals of the species, wherever found.

(f)(1) A footnote to the FEDERAL REGISTER publication(s) listing or reclassifying a species is indicated under the column "When listed." Footnote numbers to §§ 17.11 and 17.12 are in the same numerical sequence, since plants and animals may be listed in the same FEDERAL REGISTER document. That document, at least since 1973, includes a statement indicating the basis for the listing, as well as the effective date(s) of said listing.

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(2) The “Special rules” and “Critical habitat” columns provide a cross reference to other sections in parts 17, 222, 226, or 227. The “Special rules” column will also be used to cite the special rules that describe experimental populations and determine if they are essential or nonessential. Separate listing will be made for experimental populations, and the status column will include the following symbols: “XE” for an essential experimental population and “XN” for a nonessential experimental population. The term “NA” (not applicable) appearing in either of these two columns indicates that there are no special rules and/or critical habitat for that particular species. However, all other appropriate rules in parts 17, 217 through 227, and 402 still apply to that species. In addition, there may be other rules in this title that relate to such wildlife, e.g., port-of-entry requirements. It is not intended that the references in the “Special rules”

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column list all the regulations of the two Services which might apply to the species or to the regulations of other Federal agencies or State or local governments.

(g) The listing of a particular taxon includes all lower taxonomic units. For example, the genus *Hylobates* (gibbons) is listed as Endangered throughout its entire range (China, India, and SE Asia); consequently, all species, subspecies, and populations of that genus are considered listed as Endangered for the purposes of the Act. In 1978 (43 FR 6230–6233) the species *Haliaeetus leucocephalus* (bald eagle) was listed as Threatened in “USA (WA, OR, MN, WI, MI)” rather than its entire population; thus, all individuals of the bald eagle found in those five States are considered listed as Threatened for the purposes of the Act.

(h) The “List of Endangered and Threatened Wildlife” is provided below:

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Common name	Species Scientific name	Historic Range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
<b>MAMMALS</b>							
Addax .....	<i>Addax nasomaculatus</i> .....	North Africa .....	Entire .....	E	3	NA	NA
Anoa, lowland .....	<i>Bubalus depressicornis</i> .....	Indonesia .....	do .....	E	15	NA	NA
Anoa, mountain .....	<i>Bubalus quarlesi</i> .....	do .....	do .....	E	15	NA	NA
Antelope, giant saude .....	<i>Hippotragus niger vanarai</i> .....	Angola .....	do .....	E	.....	NA	NA
Antelope, Tibetan .....	<i>Pantholops hodgsonii</i> .....	China, India, Nepal .....	do .....	E	15, 475	NA	NA
Argali .....	<i>Ovis ammon</i> .....	Afghanistan, China, India, Kazakhstan, Kyrgyzstan, Mongolia, Nepal, Pakistan, Russia, Tajikistan, Uzbekistan.	Entire except Kyrgyzstan, Mongolia, and Tajikistan.	T	15, 475	NA	17.40(j)
Do .....	do .....	Venezuela and Guyana to Argentina.	Kyrgyzstan, Mongolia, and Tajikistan.	E	15	NA	NA
Armadillo, giant .....	<i>Pholidonotus maximus</i> .....	Entire .....	Entire .....	E	3, 22	NA	NA
Armadillo, pink fairy .....	<i>Chlamyphorus truncatus</i> .....	Argentina .....	do .....	E	3	NA	NA
Ass, African wild .....	<i>Equus africanus</i> .....	Somalia, Sudan, Ethiopia .....	do .....	E	3	NA	NA
Ass, Asian wild .....	<i>Equus hemionus</i> .....	Southwestern and Central Asia .....	do .....	E	3	NA	NA
Avahi .....	<i>Avahi laniger</i> (=entire genus) .....	Madagascar (= <i>Madagascariar</i> ).	do .....	E	3	NA	NA
Aye-aye .....	<i>Daubentonia madagascariensis</i> .....	Indonesia .....	do .....	E	15	NA	NA
Babirusa .....	<i>Babirusa babyrussa</i> .....	Ethiopia .....	do .....	T	16	NA	17.40(c)
Baboon, gelada .....	<i>Theropithecus gelada</i> .....	Australia .....	do .....	E	4	NA	NA
Bandicoot, barred .....	<i>Perameles bogganville</i> .....	Perameles eremicana .....	do .....	E	6	NA	NA
Bandicoot, desert .....	<i>Perameles eremicana</i> .....	Macrotis leucura .....	do .....	E	4	NA	NA
Bandicoot, lesser rabbit .....	<i>Chaeropus ecaudatus</i> .....	Macrotis lagotis .....	do .....	E	4	NA	NA
Bandicoot, pig-footed .....	<i>Bos livanicus</i> .....	Aprodiles bulmerae .....	do .....	E	4	NA	NA
Banteng .....	<i>Apodus bulmerae</i> .....	Craseonycteris thonggongyai .....	do .....	E	3	NA	NA
Bat, Bulmer's fruit (flying fox) .....	<i>Lasiurus cinereus semotus</i> .....	Myotis griseescens .....	do .....	E	139	NA	NA
Bat, bumblebee .....	<i>Myotis sodalis</i> .....	Lasionycteris noctivagans .....	do .....	E	13	NA	NA
Bat, gray .....	<i>Leptonycteris curasae</i> .....	Myotis yerbabuenae.	do .....	E	2	NA	NA
Bat, Hawaiian hoary .....	<i>Pteropus tokudae</i> .....	<i>Pteropus tokudae</i> .....	do .....	E	1	17.95(a)	NA
Bat, Indiana .....	<i>Pteropus mariannus mariannus</i> .....	U.S.A. (H)	do .....	E	336	NA	NA
Bat, lesser long-nosed .....	<i>Leptonycteris nivalis</i> .....	Eastern and Midwestern U.S.A. .....	do .....	E	156	NA	NA
Bat, Ozark big-eared .....	<i>Cononyminus</i> (= <i>Plecotus</i> ) <i>townssendi ingens</i> .	U.S.A. (A.Z., NM), Mexico, Central America.	do .....	T	156	Guam	NA
Bat, Rodrigues fruit (flying fox) .....	<i>Pteropus poliocephalus</i> .....	Western Pacific Ocean—U.S.A. (Guam).	do .....	E	336	17.95(a)	NA
Bat, Singapore roundleaf horse-shoe.	<i>Hipposideros indey</i> .....	Western Pacific Ocean—U.S.A. (GU, MP).	do .....	E	85	NA	NA
		U.S.A. (NM, TX), Mexico, Central America.	do .....	E	139	NA	NA
		U.S.A. (MO, OK, AR)	do .....	E	139	NA	NA
		Indian Ocean—Rodrigues Island	do .....	E	139	NA	NA
		Malaysia .....	do .....	E	139	NA	NA

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Species	Common name	Scientific name	Historic Range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Bat, Virginia big-eared	<i>Myotis townsendii virginianus</i>	<i>Myotis townsendii</i> (= <i>Plecotus</i> )	U.S.A. (KY, NC, WV, VA) .....	do .....	E	85	17.95(a)	NA
Bear, American black	<i>Ursus americanus</i> .....	<i>Ursus americanus</i>	North America .....	U.S.A. (LA, all counties; MS, TX, only within the historic county range of the Louisiana black bear),	T(SA)	456	NA	17.40(i)
Bear, Baluchistan	<i>Ursus thibetanus gedrosianus</i> .....	<i>Ursus thibetanus</i>	Iran, Pakistan .....	Entire .....	E	233	NA	NA
Bear, brown	<i>Ursus arctos pruinosus</i> .....	<i>Ursus arctos</i>	Palearctic .....	do .....	E	15, 15A	NA	NA
Do	<i>Ursus arctos horribilis</i> .....	<i>Ursus arctos</i>	China (Tibet) .....	Entire .....	E	15	NA	NA
Bear, grizzly	<i>Ursus americanus luteolus</i> .....	<i>Ursus americanus</i>	North America .....	U.S.A., conterminous (lower 48) States, except where listed as an experimental population, U.S.A. (portions of ID and MT, see 17.84(i)).	T	1, 2D, 9, 759	NA	17.40(b)
Do	<i>Ursus americanus caribou</i> .....	<i>Ursus americanus</i>	do .....	U.S.A. (LA—all counties; MS—all counties south of or touching a line from Greenville, Washington County, to Meridian, Lauderdale County, TX—all counties east of or touching a line from Linden, Cass County, SW to Bryan, Brazos County, thence SSW to Rockport, Aransas County).	XN	706	NA	17.84(i)
Bear, Louisiana black	<i>Ursus americanus luteolus</i> .....	<i>Ursus americanus</i>	do .....	Entire .....	T	456	17.95(a)	17.40(i)
Bear, Mexican grizzly	<i>Ursus arctos</i> .....	<i>Ursus arctos</i>	do .....	Mexico .....	E	3	NA	NA
Bear, polar	<i>Ursus maritimus</i> .....	<i>Ursus maritimus</i>	do .....	Entire .....	T	781	17.95(a)	17.40(q)
Beaver	<i>Castor fiber</i> .....	<i>Castor fiber</i>	<i>Castor fiber birulai</i> .....	U.S.A. (AK) Canada, Russia, Denmark (Greenland), Norway.	E	15	NA	NA
Beaver	<i>Bison bison</i> .....	<i>Bison bison</i>	<i>Bison bison athabascae</i> .....	Mongolia .....	E	3, 803	NA	NA
Bison, wood	<i>Lynx rufus</i> .....	<i>Lynx rufus</i>	<i>Lynx rufus esquimalpae</i> .....	Canada, Alaska .....	E	15	NA	NA
Bobcat, Mexican	<i>Damaliscus pygargus</i> .....	<i>Damaliscus pygargus</i>	(= <i>dorcidas</i> )	South Central Mexico .....	E	15	NA	NA
Bontebok (antelope)	<i>Camelus bactrianus</i> .....	<i>Camelus bactrianus</i>	<i>Rangifer tarandus caribou</i> .....	South Africa .....	E	15	NA	NA
Camel, Bactrian	<i>Rangifer tarandus</i> .....	<i>Rangifer tarandus</i>	Caribou, woodland .....	Mongolia, China .....	E	15	NA	NA
Caribou, woodland	<i>U.S.A. (AK, ID, ME, MI, MN, MT, NH, VT, WA, WI)</i> , Canada.	<i>U.S.A. (AK, ID, ME, MI, MN, MT, NH, VT, WA, WI)</i> , Canada.	do .....	U.S.A. (ID, WA), Canada (that part of S.E. British Columbia bounded by the U.S.-Can. border, Columbia R., Kootenay R., Kootenay L., and Kootenai R.).	E	128E 136, 143	NA	NA
Cat, Andean	<i>Felis jacchila</i> .....	<i>Felis jacchila</i>	<i>Felis jacchila</i> .....	Chile, Peru, Bolivia, Argentina .....	E	15	NA	NA
Cat, Asian golden	<i>Felis temminckii</i> .....	<i>Felis temminckii</i>	<i>Felis temminckii</i> .....	Nepal, China, Southeast Asia, Indonesia (Sumatra).	E	15	NA	NA
Cat, black-footed	<i>Felis nigripes</i> .....	<i>Felis nigripes</i>	<i>Felis nigripes</i> .....	Southern Africa .....	E	15	NA	NA
Cat, flat-headed	<i>Felis planiceps</i> .....	<i>Felis planiceps</i>	<i>Felis planiceps</i> .....	Malaysia, Indonesia .....	E	15	NA	NA
Cat, fritnone	<i>Felis bengalensis formoensis</i> .....	<i>Felis bengalensis</i>	<i>Felis bengalensis</i> .....	Japan (fromone Island, Ryukyu Islands).	E	50	NA	NA

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Cat, leopard	<i>Prionailurus (=Felis) bengalensis bengalensis</i>	India, Southeast Asia .....	do	NA
Cat, marbled	<i>Pardalis (=Felis) marmorata</i>	Nepal, Southeast Asia, Indonesia	do	E 15
Cat, Pakistan sand	<i>Felis margarita schreftii</i>	Pakistan .....	do	E 139
Cat, tiger	<i>Leopardus (=Felis) tigrinus</i>	Costa Rica to northern Argentina	do	E 5
Chamois, Apennine	<i>Rupicapra rupicapra ornata</i>	Africa to India .....	do	E 16
Chevah	<i>Achroonyx jubatus</i>	Africa—see 17.40(c)(3)	do	E 3.5
Chimpanzee	<i>Pan troglodytes</i>	Zaire .....	Wherever found in the wild	E 16
Do	.....	Entire .....	Wherever found in captivity	T 16
Chimpanzee, pygmy	.....	do	do	T 16
Chinchilla	<i>Chinchilla brevicaudata boliviensis</i>	Bolivia .....	do	do
Civet, Malabar large-spotted	<i>Viverra civetta (=megaspila c.)</i>	India .....	do	do
Cochilo	<i>Phocena sinu</i>	Mexico (Gulf of California) .....	do	do
Deer, Bactrian	<i>Cervus elaphus bactrianus</i>	Tajikistan, Uzbekistan, Afghanistan .....	do	do
Deer, Barbary	<i>Cervus elaphus barbarus</i>	Morocco, Tunisia, Algeria .....	do	do
Deer, Calamianes (=Philippine)	<i>Axis porcinus calamianensis</i>	Philippines (Calamian Islands) .....	do	do
Deer, Cedros Island mule	<i>Odocoileus hemionus cedrosensis</i>	Mexico (Cedros Island) .....	do	do
Deer, Columbian white-tailed	<i>Odocoileus virginianus leucurus</i>	U.S.A. (WA, OR) .....	do	do
Deer, Corsican red	<i>Cervus elaphus corsicanus</i>	Corsica, Sardinia .....	do	do
Deer, Eids brow-antlered	<i>Cervus eldi</i>	India to Southeast Asia .....	do	do
Deer, Formosa sika	<i>Cervus nippon taioanus</i>	Taiwan .....	do	do
Deer, Indochina hog	<i>Axis (=Cervus) porcinus annamiticus</i>	Thailand, Indochina .....	do	do
Deer, key	<i>Odocoileus virginianus clavium</i>	U.S.A. (FL) .....	do	do
Deer, Kuhl's	<i>Blastocerus dichotomus</i>	Indonesia .....	do	do
Deer, marsh	.....	Argentina, Uruguay, Paraguay, Bolivia, Brazil .....	do	do
Deer, McNeill's	<i>Cervus elaphus maenellii</i>	China (Sinkiang, Tibet) .....	do	do
Deer, musk	<i>Moschus</i> spp. (all species)	Central and eastern Asia .....	do	do
Deer, North China sika	<i>Cervus nippon mandarinus</i>	China (Shantung and Chihi Provinces), Brazil, Argentina, Uruguay, Bolivia, Paraguay .....	do	do
Deer, pampas	<i>Ozotoceros bezoarticus</i>	Iraq, Iran .....	do	do
Deer, Persian fallow	<i>Dama mesopotamica (=dama m.)</i>	Japan (Ryukyu Islands) .....	do	do
Deer, Ryukyu sika	<i>Cervus nippon keraniana</i>	China (Shansi Province) .....	do	do
Deer, Shansi sika	<i>Cervus nippon grassianus</i>	Southern China .....	do	do
Deer, South China sika	<i>Cervus nippon kopschi</i>	India, Nepal .....	do	do
Deer, swamp	<i>Cervus duvauceli</i>	Philippines .....	do	do
Deer, Visayan	<i>Cervus alfredi</i>	China (Sinkiang) .....	do	do
Deer, Yarkand	<i>Cervus elaphus yarkandensis</i>	C.I.S., Korea, China, India .....	do	do
Dhole	<i>Cuon alpinus</i>	Southeast Asia .....	do	do

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Dibbler	<i>Antechinus apicalis</i>		Australia .....	.....do .....	E	4	NA	NA
Dog, African wild	<i>Lycosa pictus</i>		Sub-Saharan Africa .....	.....do .....	E	139	NA	NA
Dolphin, Chinese river	<i>Lipotes vexillifer</i>		China .....	.....do .....	E	350	NA	NA
Dolphin, Indus River	<i>Platanista minor</i>		Pakistan (Indus R. and tributaries) .....	.....do .....	E	417	NA	NA
Drill	<i>Mandrillus (=Papio) leucophaeus</i>		Equatorial West Africa .....	.....do .....	E	16	NA	NA
Dugong	<i>Dugong dugon</i>		East Africa to southern Japan, including Palau, Sierra Leone, Liberia, Ivory Coast.	.....do .....	E	4, 740	NA	NA
Duiker, Jentink's	<i>Cephalophorus lentiuki</i>		Senegal to Ivory Coast .....	.....do .....	E	50	NA	NA
Eland, western giant	<i>Taurotragus derbianus derbianus</i>		South-central and southeastern Africa .....	.....do .....	E	50	NA	NA
Elephant, African	<i>Loxodonta africana</i>		Western U.S.A., Western Canada.	.....do .....	E	40	NA	17-40(e)
Elephant, Asian	<i>Elephas maximus</i>		.....do .....	.....do .....	E	15	NA	NA
Ferret, black-footed	<i>Mustela nigripes</i>		Entire, except where listed as an experimental population.	.....do .....	E	1, 3, 433,	NA	NA
.....do	.....do	.....do	U.S.A. (specified portions of AZ, CO, MT, SD, UT, and WY, see 17.84(g)(9)).	.....do .....	XN	646, 433,	NA	17.84(g)
Fox, northern swift	<i>Vulpes velox hebes</i>		U.S.A. (northern plains), Canada .....	.....do .....	E	703, 737	NA	NA
Fox, San Joaquin kit	<i>Vulpes macrotis macrotis</i>		U.S.A. (CA) .....	.....do .....	E	1	NA	NA
Fox, San Miguel Island	<i>Urocyon littoralis littoralis</i>		.....do .....	.....do .....	E	742	17.95(a)	NA
Fox, Santa Catalina Island	<i>Urocyon littoralis catalinensis</i>		.....do .....	.....do .....	E	742	17.95(a)	NA
Fox, Santa Cruz Island	<i>Urocyon littoralis sanctacrueae</i>		.....do .....	.....do .....	E	742	17.95(a)	NA
Fox, Santa Rosa Island	<i>Urocyon littoralis santarosae</i>		.....do .....	.....do .....	E	50	NA	NA
Fox, Simien	<i>Canis simensis</i>		.....do .....	.....do .....	E	50	NA	NA
Gazelle, Arabian	<i>Gazella gazella</i>		Arabian Peninsula, Palestine, Sina.	.....do .....	E	646,	NA	NA
Gazelle, Clarks	<i>Ammodorcas clarkei</i>		Somalia, Ethiopia .....	.....do .....	E	703, 737	NA	NA
Gazelle, dama	<i>Gazella dama</i>		North Africa .....	.....do .....	E	3	NA	NA
Gazelle, Moroccan	<i>Gazella dorcas massaesyia</i>		Morocco, Algeria, Tunisia .....	.....do .....	E	3	NA	NA
Gazelle, mountain (=Cuvier's)	<i>Gazella cuvieri</i>		.....do .....	.....do .....	E	3	NA	NA
Gazelle, Pelzeln's	<i>Gazella pelzelnii</i>		Somalia .....	.....do .....	E	50	NA	NA
Gazelle, sand	<i>Gazella subgutturosa marica</i>		Jordan, Arabian Peninsula .....	.....do .....	E	50	NA	NA
Gazelle, Saudi Arabian	<i>Gazella dorcas saudjufa</i>		Israel, Iraq, Jordan, Syria, Arabian Peninsula .....	.....do .....	E	50	NA	NA
Gazelle, slender-horned	<i>Gazella leptoceros</i>		Sudan, Egypt, Algeria, Libya .....	.....do .....	E	3	NA	NA

Gibbons .....	<i>Hylobates</i> spp. (including <i>Nomascus</i> , <i>Nemoriaedus goral</i> ) .....	China, India, Southeast Asia .....	do .....	NA	NA
Goral .....	<i>Gorilla gorilla</i> .....	East Asia .....	do .....	E 15	NA
Gorilla .....	<i>Capromys hispidus</i> .....	Central and western Africa .....	do .....	E 3	NA
Hare, hares .....	<i>Alceaphus buselaphus swaynei</i> .....	India, Nepal, Bhutan .....	do .....	E 15	NA
Hartebeest, Swaine's .....	<i>Alceaphus buselaphus tora</i> .....	Ethiopia, Somalia .....	do .....	E 3, 50	NA
Hartebeest, Tora .....	<i>Sus scrofa</i> .....	Egypt .....	do .....	E 50	NA
Hog, pygmy .....	<i>Equus przewalskii</i> .....	India, Nepal, Bhutan, Sikkim .....	do .....	E 3	NA
Horse, Przewalski's .....	<i>Hippocamelus antisensis</i> .....	Mongolia, China .....	do .....	E 15	NA
Huemul, north Andean .....	<i>Hippocamelus bisulcus</i> .....	Ecuador, Peru, Chile, Bolivia, Argentina .....	do .....	E 15	NA
Huemul, south Andean .....	<i>Capromys angelcabrali</i> .....	Chile, Argentina .....	do .....	E 15	NA
Huita, Cabera's .....	<i>Capromys nana</i> .....	Cuba .....	do .....	E 233	NA
Huita, dwarf .....	<i>Capromys auris</i> .....	do .....	do .....	E 233	NA
Huita, large-eared .....	<i>Capromys sanctipennis</i> .....	do .....	do .....	E 233	NA
Huita, little earth .....	<i>Hyena hyaena barbara</i> .....	Monaco, Algeria, Tunisia .....	do .....	E 3	NA
Hyena, Barbary .....	<i>Hyena hyaena (=Hyena) brunnea</i> .....	Southern Africa .....	do .....	E 3	NA
Hyena, brown .....	<i>Capra pyrenaica pyrenaica</i> .....	Spain .....	do .....	E 3	NA
Ibex, Pyrenean .....	<i>Capra walie</i> .....	Ethiopia .....	do .....	E 3	NA
Ibex, Walla .....	<i>Aepyceros melampus petarsi</i> .....	Namibia, Angola .....	do .....	E 3	NA
Impala, black-faced .....	<i>Indri indri</i> (=entire genus) .....	Madagascar .....	do .....	E 3	NA
Indri .....		(=Madagascar), U.S.A. (AZ, CA, LA, NM, TX), Mexico, Central and South America .....	do .....	E 5, 622	NA
Jaguar .....	<i>Panthera onca</i> .....	do .....	do .....	E 15	NA
Jaguarundi, Guatemalan .....	<i>Herpailurus (=Felis) yagouaroundi fossata</i> .	Mexico, Nicaragua .....	do .....	E 15	NA
Jaguarundi, Gulf Coast .....	<i>Herpailurus (=Felis) yagouaroundi cacomitli</i> .	U.S.A. (TX), Mexico .....	do .....	E 15	NA
Jaguarundi, Panamanian .....	<i>Herpailurus (=Felis) yagouaroundi panamensis</i> .	Nicaragua, Costa Rica, Panama .....	do .....	E 15	NA
Jaguarundi, Sinaloan .....	<i>Herpailurus (=Felis) yagouaroundi tolteca</i> .	U.S.A. (AZ), Mexico .....	do .....	E 15	NA
Kangaroo rat, Fresno .....	<i>Dipodomys nitratoides exilis</i> .....	U.S.A. (CA) .....	do .....	E 170	NA
Kangaroo rat, giant .....	<i>Dipodomys heermanni</i> .....	do .....	do .....	E 251	17.95(a)
Kangaroo rat, Morro Bay .....	<i>Dipodomys merriami parvus</i> .....	do .....	do .....	E 2	17.95(a)
Kangaroo rat, San Bernardino .....	<i>Dipodomys stephensi</i> (incl. <i>D. cæsus</i> ) .....	do .....	do .....	E 645	NA
Kangaroo rat, Stephens' .....	<i>Dipodomys nitratoides nitratoides</i> .....	do .....	do .....	E 338	NA
Kangaroo rat, Tipton .....	<i>Macrotis giganteus tasmaniensis</i> .....	Australia (Tasmania) .....	do .....	E 312	NA
Kangaroo, Tasmanian forester .....	<i>Phascogaetus cinereus</i> .....	Australia .....	do .....	E 6	NA
Koala .....	<i>Bos sauvill</i> .....	Vietnam, Laos, Cambodia, Thailand .....	Australia .....	T 698	NA
Kouprey .....		India, Burma, Bangladesh .....	Entire .....	E 3	NA
Langur, capped .....	<i>Trachypithecus (=Presbytis) pileatus</i>	do .....	do .....	E 15	NA

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Species	Common name	Scientific name	Historic Range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
	Langur, Douc .....	<i>Pygathrix nemaeus</i> (= <i>Presbytis</i> ) <i>francisci</i>	Cambodia, Laos, Vietnam .....	do .....	E	3	NA	NA
	Langur, Francois' .....	<i>Trachypithecus (=Presbytis) francisci</i>	China (Kwangsi), Indochina .....	do .....	E	16	NA	NA
	Langur, golden .....	<i>Trachypithecus (=Presbytis) geei</i>	India (Assam), Bhutan .....	do .....	E	15	NA	NA
	Langur, gray (=entellus) .....	<i>Semnopithecus (=Presbytis) entellus</i>	China (Tibet), India, Pakistan, Kashmir, Sri Lanka, Sikkim, Bangladesh, Indonesia .....	do .....	E	15	NA	NA
	Langur, long-tailed .....	<i>Presbytis potenziani</i>	do .....	T	16	NA	17.40(c)	NA
	Langur, Pagi Island .....	<i>Nasalis concolor</i>	do .....	E	3	NA	17.40(c)	NA
	Langur, purple-faced .....	<i>Presbytis senex</i>	do .....	T	16	NA	NA	NA
	Lechwe, red .....	<i>Kobus leche</i>	Southern Africa .....	do .....	T	3, 15	NA	NA
	Lemurs .....	<i>Lemuridae</i> incl. genera <i>Lemur</i> , <i>Phaner</i> , <i>Hapalemur</i> , <i>Lepilemur</i> , <i>Microcebus</i> , <i>Allocebus</i> , <i>Cheirogaleus</i> , <i>Varecia</i> , <i>Panthera pardus</i> .....	Madagascar Republic (=Madagascar), Africa, Asia .....	Wherever found, except where it is listed as Threatened as set forth below.	E	106	NA	NA
	Leopard, clouded .....	<i>Do</i> .....	do .....	do .....	E	3, 15	NA	NA
	Leopard, snow .....	<i>Uncia (=Panthera) uncia</i>	Southeastern and south-central Asia, Taiwan, Central Asia .....	do .....	E	114	NA	17.40(f)
	Linsang, spotted .....	<i>Prionodon pardicolor</i>	Nepal, Assam, Vietnam, Cambodia, Laos, Burma, Turkey .....	do .....	E	3, 15	NA	NA
	Lion, Asiatic .....	<i>Panthera leo persica</i>	Indochina .....	do .....	E	5	NA	NA
	Lions, lesser snow .....	<i>Nycticebus pygmaeus</i>	U.S.A. (AK, CO, ID, ME, MI, MN, MT, NH, NY, OR, UT, VT, WA, WI, WY), Canada, circumboreal .....	do .....	E	15	NA	NA
	Lynx, Canada .....	<i>Lynx canadensis</i>	Spain, Portugal .....	do .....	E	3	NA	17.40(c)
	Lynx, Spanish .....	<i>Felis pardina</i>	Taiwan .....	do .....	E	16	NA	17.40(a)
	Macaque, Formosan rock .....	<i>Macaca cyclopis</i>	Japan (Shikoku, Kyushu and Honshu Islands), India .....	do .....	E	16	NA	17.40(c)
	Macaque, Japanese .....	<i>Macaca fuscata</i>	India (Assam) to southern China .....	do .....	E	16	NA	17.40(c)
	Macaque, lion-tailed .....	<i>Macaca silenus</i>	Sri Lanka .....	do .....	E	16	NA	NA
	Macaque, stump-tailed .....	<i>Macaca arctoides</i>	Macaca sinica .....	do .....	E	16	NA	17.40(c)
	Macaque, Toque .....	<i>Macaca nigra</i>	Trichechus inunguis .....	do .....	E	3	NA	NA
	Manatee, Amazonian .....	<i>Trichechus senegalensis</i>	West Coast of Africa from Senegal R. to Cuanza R. .....	do .....	E	52	NA	NA
	Manatee, West African .....	<i>Trichechus inunguis</i>	West Coast of Africa from Senegal R. to Cuanza R. .....	do .....	T	5	NA	NA

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Manatee, West Indian .....	<i>Trichechus manatus</i> .....	U.S.A. (southeastern), Caribbean Sea, South America.	do .....	17.95(a)	17.108(a)
Mandrill .....	<i>Mandrillus (=Papio) sphinx</i> .....	Equatorial West Africa .....	do .....	E	16
Mangabey, Tana River .....	<i>Cercopithecus galeritus galerus</i> .....	Kenya .....	do .....	E	3
Mangabey, white-collared .....	<i>Cercopithecus torquatus</i> .....	Senegal to Ghana; Nigeria to Gabon.	do .....	E	16
Margay .....	<i>Leopardus (=Felis) wiedii</i> .....	U.S.A. (TX), Central and South America.	Mexico southward .....	E	5
Markhor, chitalan (=wild goat) .....	<i>Capra falconeri (=aegagrus) chitanensis.</i>	Chitran Range of west-central Pakistan.	Entire .....	E	15
Markhor, Kabul .....	<i>Capra falconeri megacephala</i> .....	Afghanistan, Pakistan .....	do .....	E	15
Markhor, straight-horned .....	<i>Capra falconeri ferdoni</i> .....	Brazil .....	do .....	E	15
Marmoset, buff-headed .....	<i>Callithrix flaviceps</i> .....	Costa Rica to Colombia .....	do .....	E	139
Marmoset, cotton-top .....	<i>Saguinus oedipus</i> .....	Bolivia, Brazil, Colombia, Ecuador, Peru, Bolivia.	do .....	E	16
Marmoset, Goeldi's .....	<i>Callithrix geoffroyi</i> .....	Bolivia, Brazil .....	do .....	E	3
Marmoset, white-eared (=buffy tuff-ed-ear), Marmot, Vancouver Island .....	<i>Callicebus aurota</i> (= <i>acacius a.</i> ) .....	Canada (Vancouver Island) .....	do .....	E	233
Marsupial, eastern jerboa .....	<i>Marmota flaviventris</i> .....	Australia .....	do .....	E	139
Marsupial-mouse, large desert .....	<i>Antechinomys laniger</i> .....	do .....	do .....	E	4
Marsupial-mouse, long-tailed .....	<i>Smiliscafus psammophila</i> .....	do .....	do .....	E	4
Marten, Formosan yellow-throated .....	<i>Smiliscafus longicaudata</i> .....	Taiwan .....	do .....	E	4
Monkey, black colobus .....	<i>Martes flaviventer chrysospila</i> .....	Equatorial Guinea, People's Republic of Congo, Cameroon, Gabon.	do .....	E	3
Monkey, black howler .....	<i>Colobus satanas</i> .....	Mexico, Guatemala, Belize .....	do .....	T	16
Monkey, Diana .....	<i>Alouatta pigra</i> .....	Coastal West Africa .....	do .....	E	16
Monkey, Guizhou snub-nosed .....	<i>Ceropithecus diana</i> .....	China .....	do .....	E	400
Monkey, L'Hoest's .....	<i>Rhinopithecus brelichi</i> .....	Upper eastern Congo R. Basin, Cameroon.	do .....	E	16
Monkey, mantled howler .....	<i>Ceropithecus lhoesti</i> .....	Mexico to South America .....	do .....	E	15
Monkey, Preuss' red colobus .....	<i>Alouatta palliata</i> .....	Cameroun .....	do .....	E	139
Monkey, proboscis .....	<i>Procolobus (=Colobus) preussi</i> ( <i>badus p.</i> ) .....	Borneo .....	do .....	E	15
Monkey, red-backed squirrel .....	<i>Nasalis larvatus</i> .....	Costa Rica, Panama .....	do .....	E	15
Monkey, red-bellied .....	<i>Saimiri oerstedii</i> .....	Western Nigeria .....	do .....	E	3
Monkey, red-eared nose-spotted .....	<i>Ceropithecus erythrogaster</i> .....	Nigeria, Cameroon, Fernando Po .....	do .....	E	16
Monkey, Schuan snub-nosed .....	<i>Ceropithecus erythrolaemus</i> .....	China .....	do .....	E	400
Monkey, spider .....	<i>Atelis geoffroyi frontatus</i> .....	Costa Rica, Nicaragua .....	do .....	E	3
Do .....	<i>Atelis geoffroyi panamensis</i> .....	Costa Rica, Panama .....	do .....	E	3
Monkey, Tana River red colobus .....	<i>Procolobus (=Colobus) rufofinitatus</i> (= <i>badius r.</i> ) .....	Kenya .....	do .....	E	3
Monkey, Tonkin snub-nosed .....	<i>Rhinopithecus avunculus</i> .....	Vietnam .....	do .....	E	16,400
Monkey, woolly spider .....	<i>Brachyteles arachnoides</i> .....	Brazil .....	do .....	E	3
Monkey, yellow-tailed wooly .....	<i>Lagothrix hirsuta</i> .....	Andes of northern Peru .....	do .....	E	16
Monkey, Yunnan snub-nosed .....	<i>Rhinopithecus bieti</i> .....	China .....	do .....	E	400
Monkey, Zanzibar red colobus .....	<i>Procolobus (=Colobus) pennantii</i> (= <i>Kirk's</i> <i>kirkii</i> ) .....	Tanzania .....	do .....	E	3
Mountain beaver, Point Arena .....	<i>Aplodontia rufa nigra</i> .....	U.S.A. (CA) .....	do .....	E	454

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Common name	Species	Scientific name	Historic Range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Mouse, Alabama beach	<i>Peromyscus polionotus ammonobates.</i>	<i>Peromyscus polionotus polionotus</i>	U.S.A. (AL) .....	.....do .....	E	183	17.95(a)	NA
Mouse, Anastasia Island beach	<i>Peromyscus polionotus phasma</i>	<i>Peromyscus polionotus phasma</i>	U.S.A. (FL) .....	.....do .....	E	349	NA	NA
Mouse, Australian native	<i>Notomys aquilo</i>	<i>Notomys aquilo</i>	Australia .....	.....do .....	E	15	NA	NA
Do	<i>Zyzomys pedunculatus</i>	<i>Zyzomys pedunculatus</i>	.....do .....	.....do .....	E	15	NA	NA
Mouse, Chokawatchee beach	<i>Peromyscus polionotus allophys</i>	<i>Peromyscus polionotus allophys</i>	U.S.A. (FL) .....	.....do .....	E	183	17.95(a)	NA
Mouse, Fields	<i>Pseudomys fieldi</i>	<i>Pseudomys fieldi</i>	Australia .....	.....do .....	E	4	NA	NA
Mouse, Gould's	<i>Pseudomys gouldii</i>	<i>Pseudomys gouldii</i>	.....do .....	.....do .....	E	6	NA	NA
Mouse, Key Largo cotton	<i>Peromyscus gossypinus</i>	<i>Peromyscus gossypinus</i>	U.S.A. (FL) .....	.....do .....	E	131E, 160	NA	NA
Mouse, New Holland	<i>Pseudomys novaehollandiae</i>	<i>Pseudomys novaehollandiae</i>	Australia .....	.....do .....	E	4	NA	NA
Mouse, Pacific pocket	<i>Pogonomys longimembris pacificus.</i>	<i>Pogonomys longimembris pacificus.</i>	U.S.A. (CA) .....	.....do .....	E	526E, 554	NA	NA
Mouse, Perdido Key beach	<i>Peromyscus polionotus trisulifensis.</i>	<i>Peromyscus polionotus trisulifensis.</i>	U.S.A. (FL) .....	.....do .....	E	183	17.95(a)	NA
Mouse, Preble's meadow jumping	<i>Zapus hudsonius preblei</i>	<i>Zapus hudsonius preblei</i>	U.S.A. (CO, WY) .....	.....do .....	T	636	17.95(a)	17.40(l)
Mouse, salt marsh harvest	<i>Reithrodontomys raviventris</i>	<i>Reithrodontomys raviventris</i>	U.S.A. (CA) .....	.....do .....	E	2	NA	NA
Mouse, Shark Bay	<i>Pseudomys praecoxis</i>	<i>Pseudomys praecoxis</i>	Australia .....	.....do .....	E	4	NA	NA
Mouse, Shortridge's	<i>Pseudomys shortridgei</i>	<i>Pseudomys shortridgei</i>	.....do .....	.....do .....	E	4	NA	NA
Mouse, smoky	<i>Pseudomys fumeus</i>	<i>Pseudomys fumeus</i>	.....do .....	.....do .....	E	4	NA	NA
Mouse, southeastern beach	<i>Peromyscus polionotus niveiventris.</i>	<i>Peromyscus polionotus niveiventris.</i>	U.S.A. (FL) .....	.....do .....	T	349	NA	NA
Mouse, St. Andrew beach	<i>Peromyscus polionotus peninsulae.</i>	<i>Peromyscus polionotus peninsulae.</i>	.....do .....	.....do .....	E	655	17.95(a)	NA
Mouse, western	<i>Pseudomys occidentalis</i>	<i>Pseudomys occidentalis</i>	Australia .....	.....do .....	E	4	NA	NA
Muntjac, Fea's	<i>Muntiacus feae</i>	<i>Muntiacus feae</i>	Northern Thailand, Burma .....	.....do .....	E	50	NA	NA
Native-cat, eastern	<i>Dasyurus viverrinus</i>	<i>Dasyurus viverrinus</i>	Australia .....	.....do .....	E	6	NA	NA
Numbat	<i>Myrmecobius fasciatus</i>	<i>Myrmecobius fasciatus</i>	.....do .....	.....do .....	E	4, 6	NA	NA
Ocelot	<i>Leopardus (=Felis) pardalis</i>	<i>Leopardus (=Felis) pardalis</i>	U.S.A. (AZ, TX) to Central and South America.	.....do .....	E	5, 119	NA	NA
Orangutan	<i>Pongo pygmaeus</i>	<i>Pongo pygmaeus</i>	Borneo, Sumatra .....	.....do .....	E	3	NA	NA
Oryx, Arabian	<i>Oryx leucoryx</i>	<i>Oryx leucoryx</i>	Arabian Peninsula .....	.....do .....	E	3	NA	NA
Oryx, scimitar-horned	<i>Oryx dammah</i>	<i>Oryx dammah</i>	North Africa .....	.....do .....	E	.....	NA	NA
Otter, Cameroon clawless	<i>Enhydra conicus (=conicus)</i>	<i>Enhydra conicus (=conicus)</i>	Cameroon, Nigeria .....	.....do .....	E	3	NA	NA
Otter, giant	<i>Pteronura brasiliensis</i>	<i>Pteronura brasiliensis</i>	South America .....	.....do .....	E	3	NA	NA
Otter, long-tailed	<i>Lutra longicaudis</i> (incl. plateni).	<i>Lutra longicaudis</i> (incl. plateni).	.....do .....	.....do .....	E	3, 15	NA	NA
Outer, marine	<i>Lutra felina</i>	<i>Lutra felina</i>	Peru south to Straits of Magellan .....	.....do .....	E	15	NA	NA
Outer, northern sea	<i>Enhydra lutris kenyoni</i>	<i>Enhydra lutris kenyoni</i>	U.S.A. (AK, WA) .....	.....do .....	T	764	17.95(a)	17.40(p)
Outer, southern river	<i>Lontra (=Lutra) provocax</i>	<i>Lontra (=Lutra) provocax</i>	Chile, Argentina .....	.....do .....	E	15	NA	NA

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Otter, southern sea	<i>Enhydra lutris nereis</i>	West Coast, U.S.A. (CA, OR, WA) south to Mexico (Baja California), do	T	21, 284	Entire, except where listed below	NA	17.84(d)
Do	do	All areas subject to U.S. jurisdiction south of Pt. Conception, CA (34°26' N. Lat.) (Note—status governed by Pub. L. 93-625, 100 Stat. 3500).	E	284	All areas subject to U.S. jurisdiction south of Pt. Conception, CA (34°26' N. Lat.) (Note—status governed by Pub. L. 93-625, 100 Stat. 3500).	NA	17.84(d)
Panda, giant	<i>Ailuropoda melanoleuca</i>	China	E	139	NA	NA	NA
Pangolin, Temmick's ground	<i>Manis temmincki</i>	Africa	E	15	NA	NA	NA
Panther, Florida	<i>Puma (=Felis) concolor coryi</i>	U.S.A. (LA and AR east to SC and FL), Australia	E	1	NA	NA	NA
Platigale, little	<i>Platigale ingrami subtilissima</i>	do	E	4	NA	NA	NA
Platigale, southern	<i>Platigale tenuirostris</i>	Brazil	E	4	NA	NA	NA
Porcupine, thin-spined	<i>Chaetomys subspinosus</i>	Australia	E	3	NA	NA	NA
Possom, Leadbeater's	<i>Gymnobelideus leadbeateri</i>	do	E	233	NA	NA	NA
Possom, mountain pygmy	<i>Burramys parvus</i>	do	E	4	NA	NA	NA
Possom, scaly-tailed	<i>Wyulda squamicaudata</i>	Mexico	E	4	NA	NA	NA
Prairie dog, Mexican	<i>Cynomys mexicanus</i>	U.S.A. (UT)	E	6	1,149	NA	17.40(g)
Prairie dog, Utah	<i>Cynomys ludovicianus</i>	Mexico (Baja California)	E	10	NA	NA	NA
Pronghorn, peninsular	<i>Antilocapra americana peninsulae</i>	U.S.A. (AZ), Mexico	E	1,3	NA	NA	NA
Pronghorn, Sonoran	<i>Antilocapra americana sonoriensis</i>	U.S.A. (AZ), Mexico	XN	782	In Arizona, an area north of Interstate 8 and south of Interstate 10, bounded by the Colorado River on the west and Interstate 10 on the east; and an area south of Interstate 8, bounded by Highway 85 on the west, Interstates 10 and 19 on the east, and the U.S.-Mexico border on the south.	NA	17.84(v)
Pronghorn, Sonoran	do	do	E	782	Entire, except where listed as an experimental population.	NA	17.84(v)
Pudu	<i>Pudu pudu</i>	Southern South America	E	15	NA	NA	NA
Puma, Costa Rican	<i>Puma (=Felis) concolor</i> (all subs., except coryi)	Canada to South America	E	432	Entire	NA	17.40(h)
Puma (=cougar), eastern	<i>Puma (=Felis) concolor couguar</i>	Nicaragua, Panama, Costa Rica	E	15	NA	NA	NA
Quokka	<i>Setonix brachyurus</i>	Eastern North America	E	6	NA	NA	NA
Rabbit, Columbia Basin pygmy	<i>Brachylagus idahoensis</i>	Australia	E	6	NA	NA	NA
Rabbit, Lower Keys	<i>Sylvilagus palustris hefneri</i>	U.S.A. (FL)	E	15	NA	NA	NA
Rabbit, riparian brush	<i>Sylvilagus bachmani iparius</i>	U.S.A. (CA)	E	390	NA	NA	NA
Rabbit, Ryukyu	<i>Pentaxius fumessi</i>	Japan (Ryukyu Islands)	E	687	NA	NA	NA
Rabbit, volcano	<i>Romerolagus diazi</i>	Mexico	E	50	NA	NA	NA
Rat, false water	<i>Xeromys myoides</i>	Australia	E	3	NA	NA	NA
Rat, stick-neck	<i>Leponotus conditor</i>	do	E	4	NA	NA	NA

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Rat-kangaroo, brush-tailed .....	<i>Bettongia penicillata</i> .....	.....do.....	.....do.....	.....do.....	E	4	NA	NA
Rat-kangaroo, desert (=plain) .....	<i>Bettongia campbelli</i> .....	.....do.....	.....do.....	.....do.....	E	4	NA	NA
Rat-kangaroo, Gaimard's .....	<i>Bettongia gaimardi</i> .....	.....do.....	.....do.....	.....do.....	E	6	NA	NA
Rat-kangaroo, Lesuer's .....	<i>Bettongia lesuerii</i> .....	.....do.....	.....do.....	.....do.....	E	4	NA	NA
Rat-kangaroo, Queen Island .....	<i>Bettongia tropica</i> .....	.....do.....	.....do.....	.....do.....	E	4	NA	NA
Rhinoceros, black .....	<i>Dicerorhinus bicornis</i> .....	.....do.....	.....do.....	.....do.....	E	97	NA	NA
Rhinoceros, great Indian .....	<i>Rhinoceros unicornis</i> .....	.....do.....	.....do.....	.....do.....	E	4	NA	NA
Rhinoceros, Javan .....	<i>Rhinoceros sondaicus</i> .....	.....do.....	.....do.....	.....do.....	E	3	NA	NA
Rhinoceros, northern white .....	<i>Ceratotherium simum cottoni</i> .....	.....do.....	.....do.....	.....do.....	E	3	NA	NA
Rhinoceros, Sumatran .....	<i>Dicerorhinus sumatrensis</i> .....	.....do.....	.....do.....	.....do.....	E	3	NA	NA
Rice rat .....	<i>Oryzomys palustris natator</i> .....	.....do.....	Lower FL Keys (west of Seven Mile Bridge), Entire .....	.....do.....	E	421	17.95(a)	NA
Saiga, Mongolian (antelope) .....	<i>Saiga tatarica mongolica</i> .....	Mongolia .....	.....do.....	.....do.....	E	15	NA	NA
Saki, southern bearded .....	<i>Chiropotes satanas satanas</i> .....	Brazil .....	.....do.....	.....do.....	E	233	NA	NA
Saki, whitenosed .....	<i>Chiropotes albinasus</i> .....	.....do.....	.....do.....	.....do.....	T	3	NA	NA
Seal-ion, Steller .....	<i>Eumetopias jubatus</i> .....	U.S.A. (AK, CA, OR, WA), Canada, Russia; North Pacific Ocean.	.....do.....	.....do.....	T	384E, 408, 614	226.202 223.102, 223.202	
Do .....	.....do.....	.....do.....	.....do.....	.....do.....	E	384E, 408, 614	226.202	NA
Seal, Guadalupe fur .....	<i>Arctocephalus townsendi</i> .....	U.S.A. (Farallon Islands of CA) south to Mexico (Isla Revillagigedo).	.....do.....	.....do.....	T	1,2D, 212	NA	223.201
Seal, Hawaiian monk .....	<i>Monachus schauinslandi</i> .....	U.S.A. (HI) .....	.....do.....	.....do.....	E	18	226.201	NA
Seal, Mediterranean monk .....	<i>Monachus monachus</i> .....	Mediterranean, Northwest African Coast and Black Sea.	.....do.....	.....do.....	E	3	NA	NA
Seal, Saimaa .....	<i>Phoca hispida saimensis</i> .....	Finnland (Lake Saimaa) .....	.....do.....	.....do.....	E	508	NA	NA
Seal, spotted (southern DPS) .....	<i>Phocadurga</i> .....	Pacific Ocean; Sea of Japan and northern Yellow Sea.	.....do.....	.....do.....	T	776	NA	223.211
Seledang .....	<i>Bos gaurus</i> .....	Bangladesh, Southeast Asia, India .....	.....do.....	.....do.....	E	3	NA	NA
Serow .....	<i>Naemorhedus (=Capricornis) sumatraensis</i> .....	East Asia, Sumatra .....	.....do.....	.....do.....	E	15	NA	NA
Serval, Barbary .....	<i>Lepailurus (=Felis) serval constantina</i> .....	Algeria .....	.....do.....	.....do.....	E	3	NA	NA
Shao .....	<i>Ovis vignei vignei</i> .....	Kashmir .....	.....do.....	.....do.....	E	15	NA	NA
Sheep, Peninsular bighorn .....	<i>Ovis canadensis nelsoni</i> .....	U.S.A. (western conterminous States), Canada (southwestern), Mexico (northern).	.....do.....	.....do.....	E	634	17.95(a)	NA

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Sheep, Sierra Nevada bighorn	U.S.A. (CA)—Sierra Nevada	E	660E, 17.95(a)
Shou	Tibet, Bhutan	E	675
Shrew, Buena Vista Lake	U.S.A. (CA)	E	725
Siamang	Malaysia, Indonesia	E	17.95(a)
Stinkaks	Malagasy Republic (=Madagascar).	E	NA
Sloth, Brazilian three-toed	Cuba	E	NA
Solenodon, Cuban	Dominican Republic, Haiti	E	NA
Solenodon cubanus	U.S.A. (NC, TN)	E	NA
Solenodon paradoxus	U.S.A. (Delmarva Peninsula to southeastern PA).	E	NA
Bradypus torquatus	U.S.A. (AZ)	E	NA
Sorex ornatus relictus	U.S.A. (ID)	E	NA
Sympalangus syndactylus	U.S.A. (VA, WV)	E	NA
Promethces spp.	Tunisia, Algeria	E	NA
Soleodon	Kashmir	E	NA
Soleodon abudans	Zanzibar (and nearby islands)	E	NA
Soleodon paradoxus	Oman	E	NA
Sorex	Philippines	E	NA
Sorex niger cinereus	Brazil	E	NA
Squirrel, Delmarva Fox	do	E	NA
Squirrel, Mount Graham red	Colombia	E	NA
Squirrel, northern Idaho ground	Burma, Laos, Cambodia, Vietnam, Malaysia, Indonesia, Thailand.	E	NA
Squirrel, Virginia northern flying	Southern Mexico to Colombia and Ecuador.	E	NA
Stag, Barbary	Colombia, Ecuador and possibly Peru and Venezuela.	E	NA
Cervus elaphus barbarus	Colombia and Venezuela south to Paraguay and Argentina.	E	NA
Cervus elaphus hircus	Philippines	E	NA
Suri, Zanzibar	Temperate and tropical Asia	E	NA
Tahr, Arabian	Australia	E	NA
Tarabu	Peru, Brazil, Ecuador, Colombia, Venezuela.	E	NA
Tarabu minorensis	Cyrus	E	NA
Hemitragus jayakari	Argentina, Bolivia, Chile, Ecuador, Peru.	E	NA
Leontopithecus	do	E	NA
Leontopithecus spp.	do	E	NA
Saguinus bicolor	do	E	NA
Saguinus leucopus	do	E	NA
Tapirus indicus	do	E	NA
Tapirus bairdii	do	E	NA
Tapirus pinchaque	do	E	NA
Tapirus terrestris	do	E	NA
Tarsier, Philippine	Tarsius syrichta	E	16
Tiger	Panthera tigris	E	3, 5
Tiger, Tasmanian	Thylacinus cynocephalus	E	3
Uakari (all species)	Cacajao spp.	E	3
Urial	do	E	NA
Vicuña	do	E	NA
Do	do	E	NA
Vole, Amargosa	Microtus californicus scirperis	E	17.40(m)
Vole, Florida salt marsh	Microtus pennsylvanicus	E	NA
Vole, Hualapai Mexican	dukecampbelli	E	NA
Wallaby, banded hare	Lagostomus fasciatus	E	NA
Australia	U.S.A. (AZ)	E	NA

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Wallaby, brindled nail-tailed		<i>Oryctogalea fraenata</i>	do	do	E	4	NA
Wallaby, crescent nail-tailed		<i>Oryctogalea lunata</i>	do	do	E	4	NA
Wallaby, Parma		<i>Macropus parma</i>	do	do	E	4	NA
Wallaby, western hare		<i>Lagorchestes hirsutus</i>	do	do	E	4	NA
Wallaby, yellow-footed rock		<i>Petrogale xanthopus</i>	do	do	E	6	NA
Whale, beluga (Cook Inlet DPS)		<i>Delphinapterus leucas</i>	Oceanic; Cook Inlet, northern Gulf of Alaska	Cook Inlet DPS—Cook Inlet, Alaska	E	776	NA
Whale, blue		<i>Balaenoptera musculus</i>	Oceanic	Entire	E	3	NA
Whale, bowhead		<i>Balaena mysticetus</i>	Oceanic (north latitudes only)	do	E	3	NA
Whale, finback		<i>Balaenoptera physalus</i>	Oceanic	do	E	3	NA
Whale, gray		<i>Eschrichtius robustus</i>	North Pacific Ocean—coastal and Beaufort, and Bering Sea, formerly North Atlantic Ocean.	Entire, except eastern North Pacific Ocean—coastal and Beaufort, and Chukchi Seas.	E	3, 540	NA
Whale, humpback		<i>Megaptera novaeangliae</i>	Oceanic	Entire	E	3	NA
Whale, killer (Southern Resident DPS)		<i>Orcinus orca</i>	Pacific Ocean	Southern Resident DPS, which consists of whales from the J, K, and L pods, wherever they are found in the wild.	E	756	224.101, 224.103
Whale, North Atlantic right		<i>Eubalaena glacialis</i>	Oceanic	Entire	E	3	226.203
Whale, North Pacific right		<i>Eubalaena japonica</i>	do	do	E	3	226.215
Whale, Southern right		<i>Eubalaena australis</i>	do	do	E	3	NA
Whale, Sei		<i>Balaenoptera borealis</i>	do	do	E	3	NA
Whale, sperm		<i>Physeter catodon</i> (=macrocephalus)	do	do	E	3	NA

		NA
Holarctic	E 1, 6, 13, 15, 35	U.S.A.: All of AL, AR, CA, CO, CT, DE, FL, GA, KS, KY, LA, MA, MD, ME, MO, MS, NC, NE, NH, NJ, NV, NY, OK, PA, RI, SC, TN, VA, VT and WV, those portions of AZ, NM, and TX not included in an experi- mental population as set forth below; and portions of IA, IN, IL, ND, OH, OR, SD, UT, and WA as follows: (1) Southern IA, (that portion south of the centerline of Highway 80); (2) Most of IN (that portion south of the centerline of Highway 80); (3) Most of IL (that portion south of the centerline of High- way 80); (4) Western ND (that portion south and west of the Missouri River upstream to Lake Sakakawea and west of the centerline of Highway 83 from Lake Sakakawea to the Canadian border); (5) Most of OH (that portion south of the centerline of Highway 80 and east of the Maumee River at Toledo); (6) Western OR (that portion of OR west of the cen- terline of Highway 35 and Highway 78 north of Burns Junction and that portion of OR west of the centerline of Highway 95 south of Burns Junction); (7) Western SD (that portion south and west of the centerline of Highway 35 and Highway 78 north of Burns Junction and that portion of UT south of the centerline of Highway 84 and that portion of UT south of Highway 80 from Echo to the UT/WY State line); and (9) Western WA (that por- tion of WA west of the center- line of Highway 97 and High- way 17 north of Mesa and that portion of WA west of the cen- terline of Highway 395 south of Mesa), Mexico.
Canis lupus		
Wolf, gray		

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Do .....	.....	.....	.....	U.S.A. (portions of AZ, NM, and TX—see § 17.84(k)).	XN	631	NA
Wolf, maned .....	.....	.....	Argentina, Bolivia, Brazil, Paraguay, Uruguay.	Entire .....	E	4	NA
Wolf, red .....	.....	<i>Canis rufus</i> .....	U.S.A. (SE U.S.A., west to central TX).	Entire .....	E	1, 248, 449, 579 248, 449, 579	NA
Do .....	.....	.....	.....	Entire, except where listed as experimental populations below.	XN	17.84(c)	NA
Wombat, Queensland hairy-nosed (incl. Barnard's), Woodrat, Key Largo .....	.....	<i>Lasiurus kuhlii</i> (formerly <i>L. bambardi</i> and <i>L. gilesiegi</i> ). <i>Neotoma floridana smalli</i> .....	Australia .....	U.S.A. (portions of NC and TN—see § 17.84(c)(9)).	E	4, 6	NA
Woodrat, riparian (San Joaquin Valley).	.....	.....	.....	Entire .....	E	131E, 160	NA
Yak, wild .....	.....	<i>Neotoma fuscipes riparia</i> .....	U.S.A. (CA) .....	.....	E	687	NA
Zebra, Grey's .....	.....	<i>Bos mutus</i> (=grunniens m.) .....	China (Tibet), India .....	do .....	E	3	NA
Zebra, Hartmann's mountain .....	.....	<i>Equis grevyi</i> .....	Kenya, Ethiopia, Somalia .....	do .....	T	54	NA
Zebra, mountain .....	.....	<i>Equis zebra hartmannae</i> .....	Namibia, Angola .....	do .....	T	15, 111	NA
BIRDS	.....	<i>Equis zebra zebra</i> .....	South Africa .....	do .....	E	15, 111	NA
Adjutant, greater .....	.....	<i>Leptoptilos dubius</i> .....	.....	Entire .....	E	783	NA
Akeape (honeycreeper) .....	.....	<i>Loxopscænrostris</i> .....	U.S.A. (HI) .....	do .....	E	765	17.95(b)
Akeape, Hawaii (honeycreeper) .....	.....	<i>Loxops coccineus coccineus</i> .....	do .....	do .....	E	2	NA
Akeape, Maui (honeycreeper) .....	.....	<i>Loxops coccineus ochraceus</i> .....	do .....	do .....	E	2	NA
Akialoa, Kauai (honeycreeper) .....	.....	<i>Hemignathus procerus</i> .....	do .....	do .....	E	1	NA
Akiapolaau (honeycreeper) .....	.....	<i>Hemignathus munroi</i> .....	do .....	do .....	E	1	NA
Akikiki (honeycreeper) .....	.....	<i>Oreomystis bairdi</i> .....	do .....	do .....	E	765	17.95(b)
Albatross, Amsterdam .....	.....	<i>Dionaea amsterdamensis</i> .....	Indian Ocean—Amsterdam Island, North Pacific Ocean and Bering Sea—Canada, China, Japan, Mexico, Russia, Taiwan, U.S.A. (AK, CA, HI, OR, WA).	do .....	E	571	NA
Albatross, short-tailed .....	.....	<i>Phoebastria albatrus</i> (Diomedea)	Malawi, Mozambique .....	do .....	E	3, 700	NA
Alethe, Thiolo .....	.....	<i>Alatea choloensis</i> .....	Brazil .....	do .....	E	571	NA
Antwren, black-hooded .....	.....	<i>Formicivora erythronotos</i> .....	U.S.A. (PR) .....	do .....	E	774	NA
Blackbird, yellow-shouldered .....	.....	<i>Agelaius xanthomus</i> .....	U.S.A. (AZ) .....	do .....	E	17	17.95(b)
Bobwhite, masked (quail) .....	.....	<i>Colinus virginianus idwayi</i> .....	Papasa (=Sula) abbotti .....	do .....	E	1, 3	NA
Booby, Abbott's .....	.....	<i>Dasyornis longicaudus</i> (=brachypterus i.) .....	Dasyornis longicaudus .....	do .....	E	15	NA
Bristlebird, western .....	.....	<i>Dasyornis broadbenti littoralis</i> .....	Australia .....	do .....	E	3	NA
Bristlebird, western rufous .....	.....	<i>Hypsipetes borbonicus olivaceus</i> .....	Indian Ocean—Mauritius .....	do .....	E	15	NA
Bullbul, Mauritius oliveous .....	.....	<i>Pyrrhula pyrrhula mutina</i> .....	Eastern Atlantic Ocean—Azores .....	do .....	E	3	NA
Bullfinch, Sao Miguel (finch) .....	.....	<i>Malacocichla albura</i> .....	Tanzania .....	do .....	E	3	NA
Bush-shrike, Uligura .....	.....	<i>Xenicus longipes</i> .....	New Zealand .....	do .....	T	571	NA
Bushwren, New Zealand .....	.....	<i>Ardeotis (=Choriots) nigriceps</i> .....	India, Pakistan .....	do .....	E	3	NA
Bustard, great Indian .....	.....	<i>Pterodroma cahow</i> .....	North Atlantic Ocean—Bermuda .....	do .....	E	3	NA

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Capercaille, Cantabrian .....	<i>Tetrao urogallus cantabricus</i>	U.S.A. (AZ, FL, LA, NM, TX) south to Panama; Cuba.	do	U.S.A. (FL)	783	NA	NA
Caracara, Audubon's crested .....	<i>Polyborus plancus auduboni</i>	Bolivia, Peru .....	Entire	do	280	NA	NA
Cincloides, royal .....	<i>Cincloides aricomae</i>	Seram, Hantu, Saparua, and Amboin, Indonesia.	do	do	799	NA	NA
Cockatoo, salmon-crested .....	<i>Cacatua moluccensis</i>	Colombia to Chile and Argentina U.S.A. (AZ, CA, OR), Mexico (Baja California).	do	do	779	NA	17.41(c)
Condor, Andean .....	<i>Vultur gryphus</i>	U.S.A. only, except where listed as an experimental population below.	U.S.A. (specific portions of Ari- zona, Nevada, and Utah).	do	4	NA	NA
Condor, California .....	<i>Gymnogyps californianus</i>	U.S.A. (AZ, CA, OR), Mexico (Baja California).	do	do	1,597	NA	NA
Do .....	do	do	do	do	597	NA	17.84(i)
Coot, Hawaiian .....	<i>Fulica americana alai</i>	U.S.A. (HI)	Entire	E	2	NA	NA
Cotinga, banded .....	<i>Cotinga maculata</i>	Brazil	do	E	15	NA	NA
Cotinga, white-winged .....	<i>Xiphorhynchus atropurpureus</i>	do	do	E	15	NA	NA
Courser, Jerdon's .....	<i>Rhinoptilus bitorquatus</i>	India	do	E	783	NA	NA
Crane, black-necked .....	<i>Grus nigricollis</i>	China (Tibet)	do	E	15	NA	NA
Crane, Cuta sandhill .....	<i>Grus canadensis neoscotica</i>	West Indies—Cuba	do	E	15	NA	NA
Crane, hooded .....	<i>Grus monacha</i>	Japan, Russia	do	E	4	NA	NA
Crane, Japanese .....	<i>Grus japonensis</i>	China, Japan, Korea, Russia	do	E	3	NA	NA
Crane, Mississippi sandhill .....	<i>Grus canadensis pulla</i>	U.S.A. (MS)	do	E	6	17.95(b)	NA
Crane, Siberian white .....	<i>Grus leucogeranus</i>	C.I.S. (Siberia) to India, including Iran and China.	do	E	4	NA	NA
Crane, white-naped .....	<i>Grus vipio</i>	Mongolia	do	E	15	NA	NA
Crane, whooping .....	<i>Grus americana</i>	Canada, U.S.A. (Rocky Moun- tains east to Carolinas), Mex- ico.	do	E	1,3	17.95(b)	NA
Do .....	do	do	do	XN	487, 621, 710, 785	NA	17.84(h)
Creeper, Hawaii .....	<i>Oreomystis mana</i>	U.S.A. (HI)	Entire	E	10	NA	NA
Creeper, Molokai .....	<i>Paroreomyza flammula</i>	do	do	E	2	NA	NA
Creeper, Oahu .....	<i>Paroreomyza manu</i>	do	do	E	1	NA	NA
Crow, Hawaiian .....	<i>Corvus hawaiiensis</i>	Western Pacific Ocean USA	do	E	156	17.95(b)	NA
Crow, Mariana .....	<i>Corvus kuhlii</i>	(Guam, Rota).	do	E	419	NA	NA
Crow, white-necked .....	<i>Corvus leucognaphalus</i>	U.S.A. (PR), Dominican Repub- lic, Haiti.	do	E	do	do	do
Cuckoo-shrike, Mauritius .....	<i>Coracina typica</i>	Indian Ocean—Mauritius	do	E	3	NA	NA
Cuckoo-shrike, Reunion .....	<i>Coracina newtoni</i>	Indian Ocean—Reunion	do	E	3	NA	NA
Curassow, razor-billed .....	<i>Mitu mitu mitu</i>	Brazil (Eastern)	do	E	15	NA	NA
Curassow, red-billed .....	<i>Crax blumenbachii</i>	Brazil	do	E	4	NA	NA
Curassow, Trinidad .....	<i>Pipile pipile</i>	West Indies—Trinidad	do	E	3	NA	NA
Curlew, Eskimo .....	<i>Numenius borealis</i>	Alaska and northern Canada to Argentina.	do	E	1,3	NA	NA
Curlew, slender-billed .....	<i>Numenius tenuirostris</i>	Southwest Pacific Ocean—New Caledonia.	do	E	783	NA	NA
Dove, cloven-feathered .....	<i>Drepanoptila holosericea</i>	do	do	E	3	NA	NA

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Dove, Grenada gray-fronted	<i>Leptotila rufaxilla wellsi</i>	West Indies—Grenada	do	do	E	3	NA	NA
Duck, Hawaiian	<i>Anas wyvilliana</i>	U.S.A. (HI)	do	do	E	1	NA	NA
Duck, Laysan	<i>Anas laysanensis</i>	India	do	do	E	15	NA	NA
Duck, pink-headed	<i>Rhodonessa caryophyllacea</i>	India, Malaysia, Indonesia, Thailand	do	do	E	3	NA	NA
Duck, white-winged wood	<i>Cairina scutulata</i>	do	do	do	E	15	NA	NA
Eagle, Greenland white-tailed	<i>Haliaeetus albicilla groenlandicus</i>	Greenland and adjacent Atlantic islands.	do	do	E	15	NA	NA
Eagle, harpy	<i>Harpa harpyja</i>	Mexico south to Argentina	do	do	E	15	NA	NA
Eagle, Madagascar sea	<i>Haliaeetus vociferoides</i>	Madagascar	do	do	E	571	NA	NA
Eagle, Madagascar serpent	<i>Euteichochirus astur</i>	do	do	do	E	571	NA	NA
Eagle, Philippine	<i>Philothocnaga jefferyi</i>	Philippines	do	do	E	3	NA	NA
Eagle, Spanish imperial	<i>Aquila heliaca adalberti</i>	Spain, Morocco, Algeria	do	do	E	3	NA	NA
Egret, Chinese	<i>Somateria europaea</i>	China, Korea	do	do	E	3	NA	NA
Eider, Spectacled	<i>Somateria fischeri</i>	U.S.A. (AK), Russia	do	do	T	503	17.95(b)	NA
Eider, Steller's	<i>Pomatorchus stelleri</i>	U.S.A. (AK) breeding population only.	do	do	T	616	17.95(b)	NA
Elepaio, Oahu	<i>Chasiempis sandwichensis ibidis</i> ( <i>Chasiempis sandwichensis gayi</i> )	U.S.A. (HI)	Entire	do	E	696	17.95(b)	NA
Falcon, Eurasian peregrine	<i>Falco peregrinus peregrinus</i>	Europe, Eurasia south to Africa and Mideast.	do	do	E	15	NA	NA
Falcon, northern aplomado	<i>Falco femoralis septentrionalis</i>	U.S.A. (AZ, NM, TX), Mexico, Guatemala	Entire, except where listed as an experimental population.	do	E	216	NA	NA
Falcon, northern aplomado	<i>Falco femoralis septentrionalis</i>	U.S.A. (AZ, NM)	Entire	do	XN	758	NA	NA
Finch, Laysan (honeycreeper)	<i>Telespiza cantans</i>	U.S.A. (HI)	do	do	E	1	NA	NA
Finch, Nihoa (honeycreeper)	<i>Telespiza ultima</i>	do	do	do	E	774	NA	NA
Fire-eye, fringed-backed	<i>Pyngelia atria</i>	Brazil	do	do	E	do	do	do
Flamingo, Andean	<i>Phoenicoparrus andinus</i>	Argentina, Bolivia, Chile, and Peru.	do	do	E	do	do	do
Flycatcher, Euler's	<i>Empidonax euleri johnstoni</i>	West Indies—Grenada	do	do	E	3	NA	NA
Flycatcher, Seychelles paradise	<i>Terpsiphone corvina</i>	Indian Ocean—Seychelles	do	do	E	3	NA	NA
Flycatcher, southwestern willow	<i>Empidonax traillii extimus</i>	U.S.A. (AZ, CA, CO, NM, TX, UT), Mexico.	do	do	E	577	17.95(b)	NA
Flycatcher, Tahiti	<i>Pomareaa nigra</i>	South Pacific Ocean—Tahiti	do	do	E	3	NA	NA
Fody, Mauritius	<i>Foudia rubra</i>	Indian Ocean—Mauritius	do	do	E	571	NA	NA
Fody, Rodrigues	<i>Foudia flavicans</i>	Indian Ocean—Rodrigues Island (Mauritius).	do	do	E	3	NA	NA
Fody, Seychelles (weaver-finch)	<i>Foudia sechellarum</i>	Indian Ocean—Seychelles	do	do	E	3	NA	NA
Francolin, Djibouti	<i>Francolinus ochropectus</i>	Djibouti	do	do	E	571	NA	NA
Frigatebird, Andrew's	<i>Fregata andrewsi</i>	East Indian Ocean	do	do	E	15	NA	NA
Gnatcatcher, coastal California	<i>Poliornis californica</i>	U.S.A. (CA), Mexico	do	do	T	496	17.95(h)	17.41(b)
Goose, Hawaiian	<i>Branca (=Nesochen) sandvicensis</i>	U.S.A. (HI)	do	do	E	1	NA	NA
Goshawk, Christmas Island	<i>Accipiter fasciatus natalis</i>	Indian Ocean—Christmas Island	do	do	E	3	NA	NA

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Goshawk, Queen Charlotte .....	<i>Accipiter gentilis laingi</i> .....	British Columbia, Canada .....	NA
Grackle, slender-billed .....	<i>Quiscalus palustris</i> .....	That portion of British Columbia that includes Vancouver Island and its surrounding islands, the mainland coast west of the crest of the Coast Range and the adjacent islands, and the Queen Charlotte Islands.	NA
Grasswren, Eyrean (Ilycatcher) .....	<i>Amytornis goyenii</i> .....	Mexico .....	NA
Grebe, Alalor .....	<i>Tachybaptus uroflavatus</i> .....	Australia .....	NA
Grebe, Attilan .....	<i>Podilymbus gigas</i> .....	Madagascar .....	NA
Grebe, Jun .....	<i>Podiceps fuscicollis</i> .....	Guatemala .....	NA
Greenshank, Nordmann's .....	<i>Tringa guttifer</i> .....	Peru .....	NA
Ground-cuckoo, southeast Asian ru- fous-vented.	<i>Neomorphus geoffroyi dulcis</i> .....	Russia, Japan, south to Malaya, Borneo.	NA
Guan, horned .....	<i>Oreophasis derbianus</i> .....	Brazil .....	NA
Guan, white-winged .....	<i>Penelope albipennis</i> .....	Guatemala, Mexico .....	NA
Guineafowl, white-breasted .....	<i>Agelaioides meleagrides</i> .....	Peru .....	NA
Gull, Audouin's .....	<i>Larus audouinii</i> .....	West Africa .....	NA
Gull, relict .....	<i>Larus relicus</i> .....	Mediterranean Sea .....	NA
Hawk, Galapagos .....	<i>Buteo galapagoensis</i> .....	India .....	NA
Hawk, Hawaiian .....	<i>Buteo solitarius</i> .....	Ecuador (Galapagos Islands) .....	NA
Hawk, Puerto Rican broad-winged .....	<i>Buteo plagiatus burnesi</i> .....	U.S.A. (HI)	NA
Hawk, Puerto Rican sharp-shinned .....	<i>Accipiter striatus venator</i> .....	U.S.A. (PR) .....	NA
Hermit, hook-billed (hummingbird) .....	<i>Rhamphodons (=Glaucis) dohrni</i> .....	Brazil .....	NA
Hermit, Margaretta's .....	<i>Phaethornis malaris margaretae</i> .....	U.S.A. (HI) .....	NA
Honeycreeper, crested .....	<i>Palmeria dolei</i> .....	Australia .....	NA
Honeyeater, helmeted .....	<i>Lichenostomus melanops</i> .....	Thailand, Malaysia .....	NA
Hornbill, helmeted .....	<i>Cassidix</i> (= <i>Meliphaga c.</i> ) .....	Cambodia, Lao PDR, Thailand, Vietnam.	NA
Ibis, giant .....	<i>Pseudibis gigantea</i> .....	China, Japan, Russia, Korea .....	NA
Ibis, Japanese crested .....	<i>Nipponia nippon</i> .....	Southern Europe, southwestern Asia, northern Africa.	NA
Ibis, northern bald .....	<i>Geronimus eremita</i> .....	South Pacific Ocean—New Caledonia.	NA
Kagu .....	<i>Rhyticeros jubatus</i> .....	New Zealand .....	NA
Kakapo .....	<i>Strigops habroptilus</i> .....	Indian Ocean—Mauritius .....	NA
Kestrel, Mauritius .....	<i>Falco punctatus</i> .....	Indian Ocean—Seychelles Is- lands.	NA
Kestrel, Seychelles .....	<i>Falco areaa</i> .....	Western Pacific Ocean USA (Guam).	156
Kingfisher, Guam Micronesian .....	<i>Halcyon cinnamominia</i> .....	do .....	17.95(b)
Kite, Cuba hook-billed .....	<i>cinnamominia</i> .	West Indies—Cuba .....	NA
Kite, Everglade snail .....	<i>Chondrohierax uncinatus wilsonii</i> .....	U.S.A. (FL), Cuba .....	3
Kite, Grenada hook-billed .....	<i>Rostrhamus sociabilis plumbeus</i> .....	West Indies—Grenada .....	17.95(b)
Kokako (wattlebird) .....	<i>Chondrohierax uncinatus mirus</i> .....	Entire .....	NA
Lark, Raso .....	<i>Calotes cinereus</i> .....	New Zealand .....	3
	<i>Alauda razae</i> .....	Atlantic Ocean—Raso Island (Cape Verde).	571

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Macaw, glaucous		<i>Anodorhynchus glaucus</i>	Paraguay, Uruguay, Brazil	do	E	15	NA	NA
Macaw, indigo		<i>Anodorhynchus leari</i>	Brazil	do	E	15	NA	NA
Macaw, little blue		<i>Cyanopsitta spixii</i>	do	do	E	15	NA	NA
Magpie-robin, Seychelles (thrush)		<i>Copsychus sechellorum</i>	Indian Ocean—Seychelles Islands.	do	E	3	NA	NA
Malmbe, Ibadan		<i>Malimbus ibadanensis</i>	Nigeria	do	E	571	NA	NA
Malkoha, red-faced (cuckoo)		<i>Phaenicophaeus pyrocephalus</i>	Sri Lanka (=Ceylon)	do	E	3	NA	NA
Megapode, Maleo		<i>Macrocephalon maleo</i>	West Pacific Ocean—Papua Islands	do	E	3	NA	NA
Megapode, Micronesian (=La Perouse's)		<i>Megapodius laperouse</i>	U.S.A. (Mariana Islands).	do	E	3	NA	NA
Merganser, Brazilian		<i>Mergus octosetaceus</i>	Brazil, Argentina, Paraguay	do	E	774	NA	NA
Millerbird, Nihoa (old world warbler)		<i>Acrocephalus familiaris kingi</i>	U.S.A. (HI)	do	E	1	NA	NA
Mockingbird, Socorro		<i>Mimus graysoni</i>	Mexico	do	E	760	NA	NA
Moorhen, Hawaiian common		<i>Gallinula chloropus sandvicensis</i>	U.S.A. (HI)	do	E	1	NA	NA
Moorhen, Mariana common		<i>Gallinula chloropus guami</i>	West Pacific Ocean—U.S.A. (Guam, Tinian, Saipan, Pagan).	do	E	156	NA	NA
Murrelet, marbled		<i>Brachyramphus marmoratus</i>	U.S.A. (AK, CA, OR, WA), Canada (B.C.)	U.S.A. (CA, OR, WA)	T	479	17.95(b)	NA
Nightjar, Puerto Rican		<i>Caprimulgus noctitherus</i>	Entire	do	E	6	NA	NA
Nukupū (honeycreeper)		<i>Hemignathus lucidus</i>	U.S.A. (HI)	do	E	1,2	NA	NA
Nuhatch, Algerian		<i>Sitta ledanti</i>	Algeria	do	E	571	NA	NA
'O'o, Kauai (honeyeater)		<i>Moho braccatus</i>	U.S.A. (HI)	do	E	1	NA	NA
Ostrich, Arabian		<i>Struthio camelus syracus</i>	Jordan, Saudi Arabia	do	E	3	NA	NA
Ostrich, West African		<i>Struthio camelus spatzl</i>	Spanish Sahara	do	E	3	NA	NA
'Ou (honeycreeper)		<i>Pitirostris psittacea</i>	U.S.A. (HI)	do	E	1	NA	NA
Owi, Anjouan scops		<i>Otus rufilatus capnodes</i>	Indian Ocean—Comoro Island	do	E	3	NA	NA
Owi, giant scops		<i>Mimizuku (=Ous) grisei</i>	Philippines—Marinduque and Mindanao Island.	do	E	15	NA	NA
Owl, Madagascar red		<i>Tyto soumagnei</i>	Madagascar	do	E	401	NA	NA
Owl, Mexican spotted		<i>Strix occidentalis lucida</i>	Mexico	do	E	494	17.95(b)	NA
Owl, northern spotted		<i>Strix occidentalis carolina</i>	U.S.A. (AZ, CO, NM, TX, UT), Canada (B.C.)	do	T	393	17.95(b)	NA
Owl, Seychelles scops		<i>Otus magicus (=insularis)</i>	Indian Ocean—Seychelles Islands.	do	E	3	NA	NA
Owlet, Morden's		<i>Otus ireneae</i>	Kenya	do	E	3	NA	NA
Oystercatcher, Canadian black		<i>Haematopus meadewaldoi</i>	Atlantic Ocean—Canary Islands	do	E	571	NA	NA
Palia (honeycreeper)		<i>Loxopodus bailleui</i>	U.S.A. (HI)	do	E	1	17.95(b)	NA
Paradise-flycatcher, caerulean		<i>Eutrichomyias rowleyi</i>	Indonesia	do	E	760	NA	NA
Parakeet, blue-throated (=ochre-marked)		<i>Pyrrhura cruentata</i>	Brazil	do	E	3	NA	NA
Parakeet, Forbes'		<i>Cyanoramphus auriceps forbesi</i>	New Zealand	do	E	3	NA	NA
Parakeet, golden		<i>Araigna guarouba</i>	Brazil	do	E	15	NA	NA
Parakeet, golden-shouldered		<i>Psephotus chrysophengus</i>	Australia	do	E	3	NA	NA
Parakeet, Mauritius		<i>Psittacula echo</i>	Indian Ocean—Mauritius	do	E	3	NA	NA

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Petrel, Macarene black .....	<i>Pterodroma aterrina</i> .....	Indian Ocean—Mauritius (Réunion Island).	do .....	do .....	E	571	NA	NA
Pheasant, bar-tailed .....	<i>Syrmaticus humale</i> .....	Burma, China .....	do .....	E	3	NA	NA	NA
Pheasant, Blyth's tragopan .....	<i>Tragopan blythii</i> .....	Burma, China .....	do .....	E	3	NA	NA	NA
Pheasant, brown eared .....	<i>Crossoptilon manchuricum</i> .....	China .....	do .....	E	3	NA	NA	NA
Pheasant, Cabot's tragopan .....	<i>Tragopan caboti</i> .....	do .....	do .....	E	3	NA	NA	NA
Pheasant, cheer .....	<i>Catreus wallichii</i> .....	India, Nepal, Pakistan .....	do .....	E	401	NA	NA	NA
Pheasant, Chinese monal .....	<i>Lophophorus impejanus</i> .....	China .....	do .....	E	3	NA	NA	NA
Pheasant, Edwards .....	<i>Tragopan edwardsi</i> .....	Vietnam .....	do .....	E	3	NA	NA	NA
Pheasant, Elliot's .....	<i>Syrmaticus ellioti</i> .....	China .....	do .....	E	15	NA	NA	NA
Pheasant, imperial .....	<i>Lophura imperialis</i> .....	Vietnam .....	do .....	E	3	NA	NA	NA
Pheasant, Mikado .....	<i>Syrmaticus mikado</i> .....	Taiwan .....	do .....	E	3	NA	NA	NA
Pheasant, Peacock .....	<i>Polyplectron emphanum</i> .....	Philippines .....	do .....	E	3	NA	NA	NA
Pheasant, Schlegel's scaly .....	<i>Lophophorus schlegeli</i> .....	Burma, China, India .....	do .....	E	3	NA	NA	NA
Pheasant, Swinhoe's .....	<i>Lophura swinhoii</i> .....	Taiwan .....	do .....	E	3	NA	NA	NA
Pheasant, western tragopan .....	<i>Tragopan melanocephalus</i> .....	India, Pakistan .....	do .....	E	3	NA	NA	NA
Pheasant, white eared .....	<i>Crossoptilon crossoptilon</i> .....	China (Tibet), India .....	do .....	E	4	NA	NA	NA
Pigeon, Azores wood .....	<i>Columba palumbus azorica</i> .....	East Atlantic Ocean—Azores .....	do .....	E	3	NA	NA	NA
Pigeon, Chatham Island .....	<i>Hemiphaga novaeseelandiae chathamensis</i> .	New Zealand .....	do .....	E	3	NA	NA	NA
Pigeon, Marquesan imperial .....	<i>Ducula galeata</i> .....	French Polynesia .....	do .....	E	783	NA	NA	NA
Pigeon, Mindoro imperial (f-zone-tailed), pink .....	<i>Ducula mindorensis</i> .....	Philippines .....	do .....	E	15	NA	NA	NA
Pigeon, pink .....	<i>Columba mayeri</i> .....	Indian Ocean—Mauritius .....	do .....	E	571	NA	NA	NA
Pigeon, Puerto Rican plain .....	<i>Columba inornata weberi</i> .....	U.S.A. (PR) .....	do .....	E	2	NA	NA	NA
Pigeon, white-tailed turtledove .....	<i>Columba junoniae</i> .....	Atlantic Ocean—Canary Islands .....	do .....	E	571	NA	NA	NA
Piping-guan, black-fronted .....	<i>Pipile jacutinga</i> .....	Argentina .....	do .....	E	15	NA	NA	NA
Pitta, Gurney's .....	<i>Pitta gurneyi</i> .....	Myanmar, Thailand .....	do .....	E	760	NA	NA	NA
Pitta, Koch's .....	<i>Pitta kochii</i> .....	Philippines .....	do .....	E	15	NA	NA	NA
Plantcutter, Peruvian .....	<i>Phytotoma raimondii</i> .....	Peru .....	do .....	E	799	NA	NA	NA
Plover, New Zealand shore .....	<i>Thinornis novaeseelandiae</i> .....	New Zealand .....	U.S.A. (Great Lakes, northern Great Lakes, watershed in States of IL, IN, MI, MN, NY, OH, PA, and WI and Canada (Ont)), Mexico, Bahamas, West Indies.	E	3	17.95(b)	NA	NA
Plover, piping .....	<i>Charadrius melanotos</i> .....	U.S.A. (Great Lakes, northern Great Plains, Atlantic and Gulf Coasts, PR, VI), Canada, Mexico, Bahamas, West Indies.	Entire, except those areas where listed as endangered above.	E	211	17.95(b)	NA	NA
Plover, piping (Pacific Coast population DPS) .....	<i>Charadrius nivosus nivosus</i> .....	U.S.A. (Great Lakes, northern Great Plains, Atlantic and Gulf Coasts, PR, VI), Canada, Mexico, Bahamas, West Indies.	Pacific Coast population DPS—U.S.A. (CA, OR, WA), Mexico (within 50 miles of Pacific coast).	T	493	17.95(b)	NA	NA
Pochard, Madagascar .....	<i>Aythya innotata</i> .....	Madagascar .....	Entire .....	E	571	NA	NA	NA
Poouli (honeycreeper) .....	<i>Melaniparus poous</i> .....	U.S.A. (HI) .....	Entire .....	E	10	NA	NA	NA
Prairie-chicken, Attwater's greater .....	<i>Tympanuchus cupido attwateri</i> .....	U.S.A. (TX) .....	Entire .....	E	1	NA	NA	NA

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Puffleg, black-breasted .....	<i>Eriocnemis nigrivestris</i> .....	Ecuador, South America .....	do .....	NA
Quail, Montezuma .....	<i>Cyrtonyx montezumae merrami</i> .....	Mexico (Vera Cruz) .....	do .....	NA
Quetzel, resplendent .....	<i>Pharomachrus mocinno</i> .....	Mexico to Panama .....	do .....	NA
Rail, Aukland Island .....	<i>Rallus pectoralis mulieri</i> .....	New Zealand .....	do .....	NA
Rail, California clapper .....	<i>Rallus longirostris obsoletus</i> .....	U.S.A. (CA) .....	do .....	NA
Rail, Guam .....	<i>Rallus owstoni</i> .....	Western Pacific Ocean—U.S.A. (Guam). .....	Entire, except Rota .....	NA
Do .....	do .....	do .....	do .....	NA
Rail, Junin .....	<i>Lateralis tuerosi</i> .....	Pao .....	Rota .....	17.84(f)
Rail, light-footed clapper .....	<i>Rallus longirostris levipes</i> .....	U.S.A. (CA), Mexico (Baja California). .....	Entire .....	NA
Rail, Lord Howe wood .....	<i>Gallirallus (= Tricholimnas) syvestris</i> .....	Australia (Lord Howe Island) .....	Entire .....	NA
Rail, Yuma clapper .....	<i>Rallus longirostris yumanensis</i> .....	Mexico, U.S.A. (AZ, CA) .....	U.S.A. only .....	NA
Rhea, lesser (Ind. Darwin's) .....	<i>Rhea (=Pterocnemia) pennata</i> .....	Argentina, Bolivia, Peru, Uruguay .....	Entire .....	NA
Robin, Chatham Island .....	<i>Petroica traversi</i> .....	New Zealand .....	do .....	NA
Robin, depleted mountain .....	<i>Acanator ocreatus</i> .....	Mozambique, Tanzania .....	do .....	NA
Robin, scarlet-breasted (flycatcher) .....	<i>Petroica multicolor multicolor</i> .....	Australia (Norfolk Island) .....	do .....	NA
Rockfowl, grey-necked .....	<i>Picathartes oreas</i> .....	Cameroon, Gabon .....	do .....	NA
Rockfowl, white-necked .....	<i>Picathartes gymnocephalus</i> .....	Africa—Togo to Sierra Leone .....	do .....	NA
Roller, long-tailed ground .....	<i>Uratelomis chimaera</i> .....	Madagascar Republic .....	do .....	NA
Scrub-bird, noisy .....	<i>Atrichornis clamosus</i> .....	Australia .....	do .....	NA
Scrub-jay, Florida .....	<i>Aphelocoma coerulescens</i> .....	U.S.A. (FL) .....	do .....	NA
Shama, Cebu black (thrush) .....	<i>Copsychus inger cebensis</i> .....	Philippines .....	do .....	NA
Shearwater, Heinroth's .....	<i>Puffinus heinrothi</i> .....	Pacific Ocean—Papua New Guinea (Bougainville Island), Solomon Islands (Kolombangara and Rendova). .....	do .....	NA
Shearwater, Newell's Townsend's Shrike, San Clemente loggerhead Siskin, red .....	<i>Puffinus auricularis newelli</i> .....	U.S.A. (HI) .....	do .....	NA
Sparrow, Cape Sable seaside Sparrow, Florida grasshopper .....	<i>Lanius ludovicianus mearnsi</i> .....	U.S.A. (CA) .....	do .....	NA
Sparrow, San Clemente sage Sparrowhawk, Apiauan Island .....	<i>Carduelis cucullata</i> .....	South America .....	do .....	NA
Starling, Ponaape mountain .....	<i>Anisognathus manitobensis mirabilis</i> .....	U.S.A. (FL) .....	do .....	NA
Starling, Rothschild's (myna) .....	<i>Ammodramus savannarum floridanus</i> .....	do .....	do .....	17.95(b)
Stilt, black .....	<i>Amphispiza bellii clementae</i> .....	U.S.A. (CA) .....	do .....	NA
Stilt, Hawaiian .....	<i>Accipiter francesii pusillus</i> .....	Indian Ocean—Comoro Islands .....	do .....	NA
Stork, oriental white .....	<i>Apeltes pelzelni</i> .....	West Pacific Ocean—Federated States of Micronesia, Indonesia (Bali) .....	do .....	NA
Stork, wood .....	<i>Leucophaea rothschildii</i> .....	New Zealand .....	do .....	NA
Sunbird, Marungu .....	<i>Himantopus novaezelandiae</i> .....	U.S.A. (HI) .....	do .....	NA
	<i>Himantopus mexicanus</i> .....	China, Japan, Korea, Russia .....	do .....	NA
	(= <i>Himantopus knudseni</i> ). .....	U.S.A., (CA, AZ, TX, to Carolinas), Mexico, C. and S. America. .....	do .....	NA
	<i>Ciconia boyciana</i> (= <i>ciconia b.</i> ) .....	Zaire .....	do .....	NA
	<i>Mycetaria americana</i> .....	do .....	do .....	NA
	<i>Nectarinia pigginsi</i> .....	Entire .....	do .....	NA

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Swiftlet, Mariana gray .....	<i>Aerodramus vanikorensis baronci.</i>		Western Pacific Ocean—U.S.A. (Guam, Rota, Tinian, Saipan, Agiguan), Brazil .....	do .....	E	156	NA	NA
Tanager, cherry-throated .....	<i>Nemosia roulei</i> .....		Brazil .....	E	774	NA	NA	NA
Teal, Campbell Island flightless .....	<i>Anas aucklandica nesiotis</i> .....		New Zealand (Campbell Island) .....	E	15	NA	NA	NA
Tem., California least .....	<i>Anas diazi</i> .....		Mexico, U.S.A. (CA) .....	E	2	NA	NA	NA
Tem., least .....	<i>Sterna antillarum</i> .....		U.S.A. (Atlantic and Gulf coasts, Miss. R. Basin, CA), Greater and Lesser Antilles; Bahamas, Mexico; winters Central America, northern South America.	E	182	NA	NA	NA
Tem., roseate .....	<i>Sterna dougallii dougallii</i> .....		Tropical and temperate coasts of Atlantic Basin and East Africa.	E	296	NA	NA	NA
Do .....	do .....		do .....	E	296	NA	NA	NA
Thicketbird, long-legged .....	<i>Trichocichla rufa</i> .....		Fiji .....	E	760	NA	NA	NA
Thrasher, white-breasted .....	<i>Ramphocinclus brachyurus</i> .....		West Indies—St. Lucia, Martinique.	E	3	NA	NA	NA
Thrush, large Kauai .....	<i>Myadestes myadestinus</i> .....		U.S.A. (HI) .....	E	2	NA	NA	NA
Thrush, Molokai .....	<i>Myadestes lanaiensis</i> .....		do .....	E	2	NA	NA	NA
Thrush, New Zealand (waterbird) .....	<i>Turdaga capensis</i> .....		New Zealand .....	E	3	NA	NA	NA
Thrush, small Kauai .....	<i>Myadestes palmeri</i> .....		U.S.A. (HI) .....	E	1	NA	NA	NA
Thrush, St. Lucia forest .....	<i>Cichlidemnia lherminieri sanctaeluciae.</i> .....		West Indies—St. Lucia .....	E	NA	NA	NA	NA
Thrush, Taita .....	<i>Turdus olivaceous helleri</i> .....		Kenya .....	E	571	NA	NA	NA
Tinamou, solitary .....	<i>Lepidosthenura xenothorax</i> .....		Peru .....	E	15	NA	NA	NA
Tit-spinetail, white-browed .....	<i>Anairetes alpinus</i> .....		Bolivia, Peru .....	E	799	NA	NA	NA
Tit-tyrant, ash-breasted .....	<i>Hemitriccus kaempferi</i> .....		Brazil .....	E	799	NA	NA	NA
Tody-tyrant, Kempler's .....	<i>Ptilo crissalis eremophilus</i> .....		U.S.A. (CA) .....	T	774	NA	NA	NA
Towhee, Inyo California .....	<i>Calanthea pauper</i> .....		Ecuador (Galapagos Islands) .....	E	282	NA	NA	NA
Tree-finches, medium .....	<i>Cinclocerthia ruficauda gutturalis</i> .....		West Indies—Martinique .....	E	767	NA	NA	NA
Trembler, Martinique (thrasher) .....	<i>Tauraco bannermani</i> .....		Cameroun .....	E	3	NA	NA	NA
Turaco, Bannerman's .....	<i>Streptopelia picturata rostrata</i> .....		Indian Ocean—Seychelles .....	E	571	NA	NA	NA
Turtle-dove, Seychelles .....	<i>Xenopirostris poleni</i> .....		Madagascar .....	E	571	NA	NA	NA
Vanga, Poloni's .....	<i>Xenopirostris damii</i> .....		do .....	T	571	NA	NA	NA
Vanga, Van Dam's .....	<i>Vireo atricapillus</i> .....		U.S.A. (KS, LA, NE, OK, TX), Mexico .....	E	294	NA	NA	NA
Vireo, black-capped .....	<i>Vireo bellii pusillus</i> .....		Mexico .....	E	228	NA	NA	NA
Vireo, least Bell's .....	<i>Petronomus torquatus</i> .....		Australia .....	E	6	NA	NA	NA

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Warbler, Aldabra (old world warbler).	<i>Nesillas aldarbanius</i> .....	Indian Ocean—Seychelles (Aldabra Island).	do .....	NA	NA
Warbler (wood), Bachman's .....	<i>Vermivora bachmani</i> .....	U.S.A. (Southeastern), Cuba .....	do .....	NA	NA
Warbler (wood), Barbados yellow .....	<i>Dendroica petechia petechia</i> .....	West Indies—Barbados .....	do .....	NA	NA
Warbler (wood), golden-cheeked .....	<i>Dendroica chrysoparia</i> .....	U.S.A. (TX), Mexico, Guatemala, Honduras, Nicaragua, Belize.	do .....	NA	NA
Warbler (wood), Kirtland's .....	<i>Dendroica kirtlandii</i> .....	U.S.A. (principally MI), Canada, West Indies—Bahama Islands.	do .....	NA	NA
Warbler, Eiao Marquesas reed- Warbler, nightingale Reed, (old world warbler).	<i>Acrocephalus percens acutirostris</i> .....	West Pacific Ocean—U.S.A.	do .....	NA	NA
Warbler, Rodrigues (old world warbler).	<i>Acrocephalus luscina</i> .....	Mauritius (Rodrigues Islands) .....	do .....	NA	NA
Warbler (wood), Semper's .....	<i>Beccarzia semperi</i> .....	West Indies—St. Lucia .....	do .....	NA	NA
Warbler, Seychelles (old world warbler).	<i>Beccarzia seychellensis</i> .....	Indian Ocean—Seychelles Island .....	do .....	NA	NA
Wattle-eye, banded .....	<i>Platysteira latincincta</i> .....	Cameroon .....	do .....	NA	NA
Weaver, Clarke's .....	<i>Ploceus galbula</i> .....	Kenya .....	do .....	NA	NA
Whipbird, western .....	<i>Psophodes nigrogularis</i> .....	Australia .....	do .....	NA	NA
White-eye, bridled .....	<i>Zosterops conspicillatus conspicillatus</i> .	Western Pacific Ocean—U.S.A. (Guam).	do .....	NA	NA
White-eye, Norfolk Island .....	<i>Zosterops abbotti</i> .....	Indian Ocean—Norfolk Islands .....	do .....	NA	NA
White-eye, Ponape greater .....	<i>Rukia longirostra</i> .....	West Pacific Ocean—Federated States of Micronesia.	do .....	NA	NA
White-eye, Rota bridled .....	<i>Zosterops rotensis</i> .....	Western Pacific Ocean—U.S.A. (Commonwealth of the North-Eastern Marianas Islands).	do .....	17.95(b)	NA
White-eye, Seychelles .....	<i>Zosterops modesta</i> .....	Indian Ocean—Seychelles .....	do .....	NA	NA
Woodpecker, imperial .....	<i>Campetherus imperialis</i> .....	Mexico .....	do .....	NA	NA
Woodpecker, ivory-billed .....	<i>Campetherus principalis</i> .....	U.S.A. (southcentral and south-eastern), Cuba.	do .....	NA	NA
Woodpecker, red-cockaded .....	<i>Picoides borealis</i> .....	U.S.A. (southcentral and south-eastern).	do .....	NA	NA
Woodpecker, Tristan's .....	<i>Dryocopus javensis richardsi</i> .....	Korea .....	do .....	NA	NA
Woodstar, Chilean .....	<i>Eulictria yarellii</i> .....	Chile and Peru .....	do .....	NA	NA
Wren, Guadalupe house .....	<i>Troglodytes aedon guadeloupensis</i> .	West Indies—Guadalupe .....	do .....	NA	NA
Wren, St. Lucia house .....	<i>Troglodytes aedon nesoleucus</i> .....	West Indies—St. Lucia .....	do .....	NA	NA
Alligator, American .....	<i>Alligator mississippiensis</i> .....	Southeastern U.S.A. .....	do .....	17.42(a)	NA
Alligator, Chinese .....	<i>Alligator sinensis</i> .....	do .....	NA	NA	NA
Anole, Cuban Island giant .....	<i>Anolis roseovittii</i> .....	China .....	do .....	15	NA
Boa, Jamaican .....	<i>Epicrates subflavus</i> .....	U.S.A. (PR—Culebra Island) .....	do .....	25	NA
Boa, Mona .....	<i>Epicrates monensis monensis</i> .....	Jamaica .....	do .....	3	NA
Boa, Puerto Rican .....	<i>Epicrates inornatus</i> .....	U.S.A. (PR) .....	do .....	33	NA
Boa, Round Island [unnamed] .....	<i>Bolyeria multicarinata</i> .....	Indian Ocean—Mauritius .....	do .....	2	NA

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Do	<i>Casarea dussumieri</i>	.....do.....	.....do.....	.....do.....	E	88	NA	NA
Boa, Virgin Islands tree	<i>Epicrates monensis granii</i>	.....do.....	.....do.....	.....do.....	E	2, 86	NA	NA
Caiman, Amazon River	<i>Caiman crocodilus apaporiensis</i>	.....Colombia.....	.....Amazon basin.....	.....do.....	E	15	NA	NA
Caiman, black	<i>Melanosuchus niger</i>	.....do.....	.....do.....	.....do.....	E	15	NA	NA
Caiman, broad-snouted	<i>Caiman latirostris</i>	.....Brazil, Argentina, Paraguay.....	.....do.....	.....do.....	E	15	NA	NA
Caiman, brown	<i>Caiman crocodilus fuscus</i> (in-clades <i>Caiman crocodilus chabasius</i> , <i>Caiman crocodilus crocodilus</i> )	.....Mexico, Central America, Colombia, Ecuador, Venezuela, Peru.....	.....do.....	.....do.....	T(S/A)	695	NA	17.42(g)
Caiman, common	.....	.....Brazil: Colombia, Ecuador, French Guiana, Guyana, Suriname, Venezuela, Bolivia, Peru.....	.....do.....	.....do.....	T(S/A)	695	NA	17.42(g)
Caiman, yacare	.....	.....Argentina, Bolivia, Brazil, Paraguay, Mexico.....	.....do.....	.....do.....	T	3, 695	NA	17.42(g)
Chuckwalla, San Esteban Island	<i>Sauromalus varius</i>	.....West Africa.....	.....do.....	.....do.....	E	88	NA	NA
Crocodile, African dwarf	<i>Osteolaemus tetraspis tetraspis</i>	.....Central and South America.....	.....do.....	.....do.....	E	15, 15A	NA	NA
Crocodile, African slender-snouted	<i>Crocodylus cataphractus</i>	.....Western and central Africa.....	.....do.....	.....do.....	E	5	NA	NA
Crocodile, American	<i>Crocodylus acutus</i>	.....U.S.A. (FL), Mexico, Caribbean, Central and South America.....	.....do.....	.....do.....	E	87	NA	NA
Do	.....do.....	.....U.S.A. (FL), Mexico, Caribbean, Central and South America.....	.....do.....	.....do.....	E	10, 87	17.95(c)	NA
Crocodile, American	<i>Crocodylus acutus</i> .....	.....Sri Lanka.....	.....do.....	.....do.....	E	10	17.95(c)	NA
Crocodile, Ceylon mugger	<i>Crocodylus palustris kimbula</i>	.....Congo R. drainage .....	.....do.....	.....do.....	E	15	NA	NA
Crocodile, Congo dwarf	<i>Osteolaemus tetraspis osborni</i>	.....Cuba .....	.....do.....	.....do.....	E	15	NA	NA
Crocodile, Cuban	<i>Crocodylus rhombifer</i>	.....India, Pakistan, Iran, Bangladesh .....	.....do.....	.....do.....	E	3	NA	NA
Crocodile, mugger	<i>Crocodylus palustris palustris</i>	.....Africa, Middle East .....	.....do.....	.....do.....	E	15	NA	NA
Crocodile, Nile	<i>Crocodylus niloticus</i>	.....South America—Orinoco R. basin, Philippine Islands .....	.....do.....	.....do.....	E	3, 394,	17.42(c)	NA
Crocodile, Orinoco	<i>Crocodylus intermedius</i>	.....Southeast Asia, Australia, Papua New Guinea, Islands of the West Pacific Ocean.	.....do.....	.....do.....	E	514, 585	NA	NA
Crocodile, Philippine	<i>Crocodylus novaeguineae mindorensis</i>	.....Australia .....	.....do.....	.....do.....	E	3	NA	NA
Crocodile, saltwater	<i>Crocodylus porosus</i>	.....Southeast Asia, India, Malay Peninsula, Burma, Bangladesh, India, Nepal .....	.....do.....	.....do.....	E	87, 585	NA	NA
Do	.....do.....	.....Indian Ocean—Mauritius .....	.....do.....	.....do.....	T	87, 585	NA	17.42(c)
Crocodile, Siamese	<i>Crocodylus siamensis</i>	.....U.S.A. (PR) .....	.....do.....	.....do.....	E	15	NA	NA
Gavial	<i>Gavialis gangeticus</i>	.....Pakistan, India .....	.....do.....	.....do.....	E	3	NA	NA
Gecko, day	<i>Pheosoma edwardnewtoni</i>	.....Indian Ocean—Mauritius .....	.....do.....	.....do.....	E	3	NA	NA
Gecko, Monito	<i>Sphaerodactylus microcephalus</i>	.....U.S.A. (PR) .....	.....do.....	.....do.....	E	125	NA	NA
Gecko, Round Island day	<i>Pheosoma guentheri</i>	.....Indian Ocean—Mauritius .....	.....do.....	.....do.....	E	3	NA	NA
Iguana, Acklins ground	<i>Cyrtodactylus serpensinsula</i>	.....West Indies—Bahamas .....	.....do.....	.....do.....	T	129	NA	NA
	<i>Cyclura rileyi nuchalis</i>	.....Iguana, Acklins ground .....	.....do.....	.....do.....	T	129	NA	NA

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Iguana, Allen's Cay	<i>Cyclura cychlura inornata</i>	do	do	NA
Iguana, Andros Island ground	<i>Cyclura cyclica</i>	do	do	NA
Iguana, Anegada ground	<i>Cyclura pinguis</i>	do	do	NA
Iguana, Barrington land	<i>Conolophus pallidus</i>	do	do	NA
Iguana, Cayman Brac ground	<i>Cyclura nubila caymanensis</i>	do	do	NA
Iguana, Cuban ground	<i>Cyclura nubila nubila</i>	do	do	NA
Iguana, Exuma Island	<i>Cyclura cychlura figginsi</i>	do	do	NA
Iguana, Fiji banded	<i>Brachylophus fasciatus</i>	do	do	NA
Iguana, Grand Cayman ground	<i>Brachylophus vitiensis</i>	do	do	NA
Iguana, Jamaica	<i>Cyclura nubila lewisi</i>	do	do	NA
Iguana, Mayaguana	<i>Cyclura carinata barbata</i>	do	do	NA
Iguana, Mona ground	<i>Cyclura stejnegeri</i>	do	do	NA
Iguana, Turks and Caicos Islands	<i>Cyclura carinata carinata</i>	do	do	NA
Iguana, Waiting Island ground	<i>Cyclura rileyi rileyi</i>	do	do	NA
Iguana, White Cay ground	<i>Cyclura rileyi cristata</i>	do	do	NA
Lizard, blunt-nosed leopard	<i>Gambelia silus</i>	do	do	NA
Lizard, Cochella Valley fringe-toed.	<i>Uma inornata</i>	do	do	NA
Lizard, Hierro giant	<i>Galloetta simonyi simonyi</i>	do	do	NA
Lizard, Ibiza wall	<i>Podarcis pityusensis</i>	do	do	NA
Lizard, Island night	<i>Xantusia riversiana</i>	do	do	NA
Lizard, Maria Island ground	<i>Cnemidophorus vanzoi</i>	do	do	NA
Lizard, St. Croix ground	<i>Ameiva polops</i>	do	do	NA
Monitor, desert	<i>Varanus grypus</i>	do	do	NA
Monitor, Indian (=Bengal)	<i>Varanus bengalensis</i>	do	do	NA
Monitor, Komodo Island	<i>Varanus komodoensis</i>	do	do	NA
Monitor, yellow	<i>Varanus flavescens</i>	West Pakistan through India to Bangladesh, Sri Lanka and India	E	15
Python, Indian	<i>Python molurus molurus</i>	Sri Lanka and India	E	15
Rattlesnake, Aruba Island	<i>Crotalus unicolor</i>	Aruba Island (Netherlands Antilles).	T	129
Rattlesnake, New Mexican ridge-nosed.	<i>Crotalus willardi obscurus</i>	U.S.A. (AZ, NM), Mexico	T	43
Sea turtle, green	<i>Chelonia mydas</i>	Circumglobal in tropical and temperate seas and oceans.	E	42
Do	.....	do	do	226,208
		.....	Wherever found except where listed as endangered.	17,42(b), 223,205, 223,207
			T	42
				224,104
				226,208
				17,42(c)
				223,207

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Sea turtle, hawksbill .....	<i>Eretmochelys imbricata</i> .....	Tropical seas .....	Entire .....	.....	E	3	17.95(c), 226.209 NA	224.104
Sea turtle, Kemp's ridley .....	<i>Lepidochelys kempii</i> .....	Tropical and temperate seas in Atlantic Basin, incl. Gulf of Mexico.	do .....	.....	E	4	224.104	
Sea turtle, leatherback .....	<i>Dermochelys coriacea</i> .....	Tropical, temperate, and subpolar seas.	do .....	.....	E	3	17.95(c), 226.207 NA	224.104
Sea turtle, loggerhead, Mediterranean Sea, .....	<i>Caretta caretta</i> .....	Mediterranean Sea Basin .....	Mediterranean Sea east of 5°36' W. Long., North Indian Ocean north of the equator and south of 30° N. Lat.	E	794	NA	NA	
Sea turtle, loggerhead, North Indian Ocean, .....	.....do .....	North Indian Ocean Basin .....	North Pacific north of the equator and south of 60° N. Lat.	E	794	NA	NA	
Sea turtle, loggerhead, North Pacific Ocean, .....	.....do .....	North Pacific Ocean Basin .....	Northeast Atlantic Ocean north of the equator, south of 60° N. Lat., and east of 40° W. Long., except in the vicinity of the Strait of Gibraltar, where the eastern boundary is 5°36' W. Long.	E	794	NA	NA	
Sea turtle, loggerhead, Northwest Atlantic Ocean, .....	.....do .....	Northwest Atlantic Ocean Basin	Northwest Atlantic Ocean north of the equator, south of 60° N. Lat., and west of 40° W. Long.	T	794	NA	NA	
Sea turtle, loggerhead, South Atlantic Ocean, .....	.....do .....	South Atlantic Ocean Basin .....	South Atlantic Ocean south of the equator, north of 60° S. Lat., west of 20° E. Long., and east of 67° W. Long.	T	794	NA	NA	
Sea turtle, loggerhead, South Pacific Ocean, .....	.....do .....	South Pacific Ocean Basin .....	South Pacific south of the equator, north of 60° S. Lat., west of 67° W. Long., and east of 141° E. Long.	E	794	NA	NA	
Sea turtle, loggerhead, Southeast Indo-Pacific Ocean, .....	.....do .....	Southeast Indian Ocean Basin; South Pacific Ocean Basin as far east as 141° E. Long.	Southeast Indian Ocean south of the equator, north of 60° S. Lat., and east of 141° E. Long.; South Pacific Ocean south of the equator, north of 60° S. Lat., and west of 141° E. Long.	T	794	NA	NA	
Sea turtle, loggerhead, Southwest Indian Ocean, .....	.....do .....	Southwest Indian Ocean Basin .....	Southwest Indian Ocean north of the equator, south of 30° N. Lat., west of 20° E. Long., and east of 80° E. Long.	T	794	NA	NA	
Sea turtle, olive ridley .....	<i>Lepidochelys olivacea</i> .....	Circumglobal in tropical and temperate seas.	Wherever found except where listed as endangered below.	T	42	NA	17.42(b), 223.205, 223.206, 223.207	

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Do .....	<i>Eumeces egregius lividus</i> .....	U.S.A. (FL) .....	T	299	NA	17.42(d)
	<i>Leiocephalus teltaini</i> .....	Indian Ocean—Mauritius .....	T	129	NA	NA
	<i>Naescops reynoldsi</i> .....	do .....	T	299	NA	17.42(d)
	<i>Nerodia clarkii taeniata</i> .....	do .....	T	30	NA	NA
	<i>Nerodia erythrogaster neglecta</i> .....	In north of 40° N. Lat., MI, OH .....	T	607	NA	NA
	<i>Dymachron corais couperi</i> .....	Entire .....	T	32	NA	NA
	<i>Thamnophis gigas</i> .....	do .....	T	522	NA	NA
	<i>Liophis ornatus</i> .....	West Indies—St. Lucia (Maria Islands), U.S.A. (CA) .....	E	443	NA	NA
	<i>Thamnophis sirtalis tetradactyla</i> .....	do .....	E	1	NA	NA
	<i>Podoconemis expansa</i> .....	South America—Orinoco R. and Amazon R. basins.	E	3	NA	NA
	<i>Batagur baska</i> .....	Malaysia, Bangladesh, Burma, India, Indonesia, Malaysia, Indonesia .....	E	3	NA	NA
	<i>Tomistoma schlegelii</i> .....	Malaysia, Indonesia .....	E	15	NA	NA
	<i>Giechelone viphora</i> .....	Malagasy Republic (=Madagascar). Mexico .....	E	15	NA	NA
	<i>Gopherus flavomarginatus</i> .....	U.S.A. (AZ, CA, NV, UT), Mexico .....	E	46	NA	NA
	<i>Gopherus agassizii</i> .....	do .....	T	103,	NA	NA
	Do .....	do .....	T(S/A)	378	NA	17.42(e)
Tortoise, Galapagos .....	<i>Geochelone nigra</i> (=elephantopus).	Ecuador (Galapagos Islands) .....	E	3	NA	NA
Tortoise, gopher .....	<i>Gopherus polyphemus</i> .....	U.S.A. (AL, FL, GA, LA, MS, SC) Wherever found west of Mobile R., and Mexico, when found outside of Colorado R., and Mexico.	T	281	NA	NA
Tortoise, Madagascar radiated .....	<i>Geochelone radiata</i> .....	Entire .....	E	3	NA	NA
Tracaja .....	<i>Podoconemis unifilis</i> .....	Malagasy Republic (=Madagascar). South America—Orinoco R. and Amazon R. basins. New Zealand .....	E	3	NA	NA
Tutara .....	<i>Sphenodon punctatus</i> .....	Entire .....	E	3,630	NA	NA
Tutara, Brother's Island .....	<i>Sphenodon guntheri</i> .....	do .....	E	3,630	NA	NA
Turtle, Alabama redbelly .....	<i>Pseudemys alabamensis</i> .....	do .....	E	278	NA	NA
Turtle, aquatic box .....	<i>Terrapene coahuila</i> .....	do .....	E	6	NA	NA
Turtle, black softshell .....	<i>Trionyx nigricans</i> .....	Entire, except GA, NC, SC, TN, VA.	E	15	NA	NA
Turtle, bog (=Muilenberg) .....	<i>Clemmys mühlenbergii</i> .....	U.S.A. (CT, DE, GA, MA, MD, NC, NJ, NY, PA, SC, TN, VA).	T	626	NA	17.42(f)
Do .....	<i>Phrynops hogei</i> .....	do .....	E	443	NA	NA
Turtle, Brazilian side-neck .....	<i>Morenia occipitalis</i> .....	U.S.A. (GA, NC, SC, TN, VA) .....	E	443	NA	NA
Turtle, Burmese peacock .....	<i>Trachemys terrapen</i> .....	Entire .....	E	129	NA	NA
Turtle, Cat Island .....	<i>Trionyx ater</i> .....	Cat Island in the Bahamas .....	E	15	NA	NA
Turtle, Central American river .....	<i>Trionyx maculatus</i> .....	Entire .....	E	15	NA	NA
Turtle, Cuiaro Clemens softshell .....	<i>Trionyx marmoratus</i> .....	Mexico, Belize, Guatemala .....	E	15	NA	NA

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Turtle, flattened musk	<i>Sternotherus depressus</i>	.....	U.S.A. (AL) .....	Black Warrior R. system up-stream from Bankhead Dam.	T	272	NA	NA
Turtle, geometric	<i>Pseammobates geometricus</i>	South Africa .....	Entire .....	do .....	E	15	NA	NA
Turtle, Inagua Island	<i>Trachemys stejnegeri malonei</i>	West Indies—Bahamas (Great Inagua Island).	do .....	do .....	E	443	NA	NA
Turtle, Indian sawback	<i>Kachuga tecta tecta</i>	India .....	do .....	do .....	E	15	NA	NA
Turtle, Indian softshell	<i>Trionyx gangeticus</i>	Pakistan, India .....	do .....	do .....	E	15	NA	NA
Turtle, peacock softshell	<i>Trionyx nurum</i>	India, Bangladesh .....	do .....	do .....	E	15	NA	NA
Turtle, Plymouth redbelly	<i>Pseudemys rubriventris bangsi</i>	U.S.A. (MA) .....	do .....	do .....	E	90	17.95(c)	NA
Turtle, ringed map	<i>Graptemys ouclifera</i>	U.S.A. (LA, MS) .....	do .....	do .....	T	250	NA	NA
Turtle, short-necked or western swamp.	<i>Pseudemysdura umbribra</i>	Australia .....	do .....	do .....	E	3	NA	NA
Turtle, South American red-lined	<i>Trachemys scripta callirostris</i>	Colombia, Venezuela .....	do .....	do .....	E	443	NA	NA
Turtle, spotted pond	<i>Geoclemys hamiltonii</i>	North India, Pakistan .....	do .....	do .....	E	15	NA	NA
Turtle, three-striped Asian	<i>Melanochelys tricancata</i>	Central India to Bangladesh and Burma.	do .....	do .....	E	15	NA	NA
Turtle, yellow-blotched map	<i>Graptemys flavimaculata</i>	U.S.A. (MS) .....	do .....	do .....	T	416	NA	NA
Viper, Lar Valley	<i>Vipera lataii</i>	Iran .....	do .....	do .....	E	129	NA	NA
Whipsnake, Alameda (striped racer).	<i>Masticophis lateralis euryxanthus</i>	U.S.A. (CA) .....	do .....	do .....	T	628	17.95(c)	NA
<b>AMPHIBIANS</b>								
Couqui, golden	<i>Eleutherodactylus jasperi</i>	U.S.A. (PR) .....	do .....	do .....	T	29	17.95(d)	NA
Frog, California red-legged	<i>Rana draytonii</i>	U.S.A. (CA) .....	do .....	do .....	T	583	17.95(d)	17.43
Frog, Chiricahua leopard	<i>Lithobates chiricahuensis</i>	U.S.A. (AZ, NM) .....	do .....	do .....	T	726	17.95(d)	17.43(b)
Frog, dusky gopher	<i>Rana sevosa</i>	U.S.A. (AL, LA, MS) .....	do .....	do .....	E	718	17.95(d)	NA
Frog, Goliath	<i>Conraua goliath</i>	Cameroon, Equatorial Guinea, Gabon.	do .....	do .....	T	566	NA	NA
Frog, Israel painted	<i>Discoglossus nigriventer</i>	Israel .....	do .....	do .....	E	3	NA	NA
Frog, mountain yellow-legged (southern California DPS),	<i>Rana muscosa</i>	U.S.A. (California, Nevada) .....	U.S.A., southern California .....	Entire .....	E	728	17.95(d)	NA
Frog, Panamanian golden	<i>Atelopus varius zeteki</i>	Panama .....	do .....	do .....	E	15	NA	NA
Guajon	<i>Leptopelma hamiltoni</i>	New Zealand .....	do .....	do .....	E	3	NA	NA
Hellbender, Ozark	<i>Elaphroedactylus cooki</i>	U.S.A. (PR) .....	do .....	do .....	T	617	17.95(d)	NA
Salamander, Barton Springs	<i>Cryptobranchus alleganiensis bishopi</i>	AR, MO .....	do .....	do .....	E	795	NA	NA
Salamander, California tiger	<i>Eurycea sosorum</i>	U.S.A. (TX) .....	do .....	do .....	E	612	NA	NA
Salamander, California tiger	<i>Ambystoma californiense</i>	U.S.A. (CA) .....	do .....	do .....	E	677E	17.95(d)	NA
Salamander, California tiger	<i>Ambystoma californiense</i>	U.S.A. (CA—Santa Barbara County), U.S.A. (CA—Central California) ..	do .....	do .....	T	702	17.95(d)	17.43(c)
Salamander, California tiger	<i>Ambystoma californiense</i>	U.S.A. (CA—Sonoma County) ..	do .....	do .....	E	744	17.95(d)	NA
Salamander, Cheat Mountain	<i>Platthodon nettingi</i>	U.S.A. (WV) .....	Entire .....	do .....	E	729E	17.95(d)	NA
Salamander, Chinese giant	<i>Andrias davidianus (=davidianus d.).</i>	Western China .....	do .....	do .....	T	734	NA	NA
Salamander, desert slender	<i>Batrachoseps aridus</i>	U.S.A. (CA) .....	do .....	do .....	E	358	NA	NA
Salamander, frostend flatwoods	<i>Ambystoma cingulatum</i>	U.S.A. (FL, GA, SC) .....	do .....	do .....	T	15	NA	NA
					E	6	NA	NA
					T	658	17.95(d)	NA

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Salamander, Japanese giant .....	<i>Andrias japonicus (=davidianus j.J.)</i>	Japan .....	do .....	.....	E	15	NA	NA
Salamander, Red Hills .....	<i>Phaeognathus hubrichti</i>	U.S.A. (AL) .....	do .....	.....	T	19	NA	NA
Salamander, reticulated flatwoods .....	<i>Ambystoma bishopi</i>	U.S.A. (FL, GA) .....	do .....	.....	E	17.95(d)	NA	NA
Salamander, San Marcos .....	<i>Eurycea nana</i>	U.S.A. (TX) .....	do .....	.....	T	98	17.95(d)	17.43(a)
Salamander, Santa Cruz long-toad .....	<i>Ambystoma macroleactylum croceum.</i>	U.S.A. (CA) .....	do .....	.....	T	1	NA	NA
Salamander, Shenandoah .....	<i>Platthydon shenandoh</i>	U.S.A. (VA) .....	do .....	.....	E	358	NA	NA
Salamander, Sonoran tiger .....	<i>Typhlonotus liginosus stebbinsi</i>	U.S.A. (TX) .....	do .....	.....	E	600	NA	NA
Salamander, Texas blind .....	<i>Typhlonotus zonifer</i>	U.S.A. (CA) .....	do .....	.....	E	1	NA	NA
Toad, arroyo (=arroyo south-western), Toad, Cameroon .....	<i>Anaxyrus californicus</i>	U.S.A. (CA), Mexico .....	do .....	.....	E	568	17.95(d)	NA
Toad, Houston .....	<i>Bufo superciliaris</i>	Equatorial Africa .....	do .....	.....	E	15	NA	NA
Toad, Houston .....	<i>Bufo houstonensis</i>	U.S.A. (TX) .....	do .....	.....	E	2	17.95(d)	NA
Toad, Monje Verde golden .....	<i>Bufo periglenes</i>	Costa Rica .....	do .....	.....	E	15	NA	NA
Toad, Puerto Rican crested .....	<i>Peltophryne lemur</i>	U.S.A. (PR), British Virgin Islands .....	do .....	.....	T	283	NA	NA
Toad, Wyoming .....	<i>Bufo hemisphaericus parvus</i>	U.S.A. (WY) .....	do .....	.....	E	138	NA	NA
Toads, African viviparous .....	<i>Nectophrynoides</i> spp. .....	Tanzania, Guinea, Ivory Coast, Cameroon, Liberia, Ethiopia.	do .....	.....	E	15	NA	NA
<b>FISHES</b>								
Ala Balik (trout) .....	<i>Salmo platycephalus</i>	Turkey .....	Entire .....	.....	E	3	NA	NA
Aymodoki (lach) .....	<i>Hymenophryne curta</i>	Japan .....	do .....	.....	E	3	NA	NA
Blindcat, Mexican catfish) .....	<i>Priacanthus philadelphica</i>	Mexico .....	do .....	.....	E	3	NA	NA
Boacoco (Puget Sound—Georgia Basin DPS). .....	<i>Sebastespacificus</i>	Pacific coast from Punta Blanca, Baja California, to the Gulf of Alaska off Krozoff and Kodiak Islands, Thailand, Indonesia, Malaysia .....	Puget Sound—Georgia Basin DPS—U.S.A. (WA) and British Columbia, including Puget Sound and Georgia Basin.	.....	E	776	NA	NA
Bonytongue, Asian .....	<i>Scleropages formosus</i>	Thailand .....	Entire .....	.....	E	15	NA	NA
Catfish .....	<i>Pangasius sanitwongsei</i>	Thailand .....	do .....	.....	E	3	NA	NA
Catfish, Thailand giant .....	<i>Pangasius gigas</i>	Thailand .....	do .....	.....	T	157	17.95(e)	17.44(h)
Catfish, Yaqui .....	<i>Ictalurus punctatus</i>	U.S.A. (AZ) .....	do .....	.....	E	28,	328	17.95(e)
Cavefish, Alabama .....	<i>Speleomystus poulsoni</i>	U.S.A. (AL) .....	do .....	.....	T	164	NA	NA
Cavefish, Ozark .....	<i>Amblyopsis rosea</i>	U.S.A. (AR, MO, OK) .....	do .....	.....	E	92	17.95(e)	NA
Chub, bonetail .....	<i>Gila elegans</i>	U.S.A. (AZ, CA, CO, NV, UT, WY), U.S.A. (OR) .....	do .....	.....	E	.....	.....	.....
Chub, Borax Lake .....	<i>Gila boraxbifus</i>	U.S.A. (OR) .....	do .....	.....	E	94E,	17.95(e)	NA
Chub, Chihuahua .....	<i>Gila nigrescens</i>	U.S.A. (NM), Mexico (Chihuahua) .....	do .....	.....	T	124	NA	17.44(g)
Chub, Gila .....	<i>Gila intermedia</i>	U.S.A. (AZ, NM), Mexico .....	do .....	.....	E	132	NA	NA
Chub, humpback .....	<i>Gila cyprina</i>	U.S.A. (AZ, CO, UT, WY) .....	do .....	.....	E	755	17.95(e)	NA
Chub, Hutton tui .....	<i>Gila bicolor</i> ssp.	U.S.A. (OR) .....	do .....	.....	E	1	17.95(e)	NA
Chub, Mekong tui .....	<i>Oreoglanichthys crameri</i>	U.S.A. (CA) .....	do .....	.....	T	174	NA	17.44(i)
Chub, Oregon .....	<i>Gila bicolor mohavensis</i>	U.S.A. (OR) .....	do .....	.....	E	2	NA	NA
Chub, Owens tui .....	<i>Gila bicolor Snyderi</i>	U.S.A. (CA) .....	do .....	.....	T	520,769	17.95(e)	NA
Chub, Pahranagat roundtail .....	<i>Gila robusta jordani</i>	U.S.A. (NV) .....	do .....	.....	E	195	17.95(e)	NA
Chub, slender .....	<i>Erimystax cahni</i>	U.S.A. (TN, VA) .....	do .....	.....	T	2	NA	NA
Do .....	.....	.....	do .....	.....	T	28	17.95(e)	17.44(c)
					XN	.....	NA	17.84(sr)

U.S.A. (TN)—specified portions of the French Broad and Holston Rivers; see 17.84(s)(1)(i)).

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Chub, Sonora ..... Chub, spottin' (=turquoise shiner) ...	<i>Gila ditaenia</i> ..... <i>Erinomax monachus</i> .....	U.S.A. (AZ), Mexico ..... U.S.A. (AL, GA, NC, TN, VA) .....	Entire ..... .....	T T	227 28	17.95(e) 17.44(o) 17.95(e) 17.44(c)	NA	NA
Do .....	.....do .....	.....do .....	.....	XN	732	NA	NA	17.84(m)
Do .....	.....do .....	.....do .....	.....	XN	747	NA	NA	17.84(m)
Do .....	.....do .....	.....do .....	.....	XN	.....	NA	NA	17.84(m)
Chub, Virgin River .....	<i>Gila robusta seminudica</i> .....	U.S.A. (AZ, NV, UT)	Entire .....	E	361	17.95(e)	NA	NA
Chub, Yaqui .....	<i>Gila purpurea</i> .....	U.S.A. (AZ), Mexico .....	.....	E	157	17.95(e)	NA	NA
Cicek (minnow) .....	<i>Acanthorhynchus handirschi</i> .....	Turkey .....	.....	E	3	NA	NA	NA
Cui-ui .....	<i>Chasmistes cuuius</i> .....	U.S.A. (NV) .....	.....	E	1	NA	NA	NA
Dace, Ash Meadows speckled .....	<i>Rhinichthys osculus nevadensis</i> .....	.....do .....	.....	E	117E, 127E,	17.95(e)	NA	NA
Dace, blackside .....	<i>Phoxinus cumberlandensis</i> .....	U.S.A. (KY, TN) .....	.....	T	130	NA	NA	NA
Dace, Clover Valley speckled .....	<i>Rhinichthys osculus oligoporus</i> .....	U.S.A. (NV) .....	.....	E	273	NA	NA	NA
Dace, desert .....	<i>Eremichthys acros</i> .....	.....do .....	.....	E	370	NA	NA	NA
Dace, Foskett speckled .....	<i>Rhinichthys osculus ssp.</i> .....	U.S.A. (OR) .....	.....	T	1,2D, 210	17.95(e) 17.44(m)	17.44(e)	17.44(m)
Dace, Independence Valley speckled.	<i>Rhinichthys osculus lethophorus</i> .....	U.S.A. (NV) .....	.....	E	174	NA	NA	NA
Dace, Kendall Warm Springs .....	<i>Rhinichthys osculus thermalis</i> .....	U.S.A. (WY) .....	.....	E	370, 372	NA	NA	NA
Dace, Laurel .....	<i>Chrysomus saylori</i> .....	U.S.A. (TN) .....	.....	E	2	NA	NA	NA
Dace, Mapa .....	<i>Moapa coniferae</i> .....	U.S.A. (NV) .....	.....	E	791	NA	NA	NA
Darter, amber .....	<i>Percina antenella</i> .....	U.S.A. (AL, GA, TN) .....	.....	E	1	NA	NA	NA
Darter, bayou .....	<i>Etheostoma rubrum</i> .....	U.S.A. (MS) .....	.....	E	196	17.95(e)	NA	NA
Darter, bluenose .....	<i>Etheostoma sp.</i> .....	U.S.A. (TN) .....	.....	T	10	NA	NA	17.44(b)
Darter, boulder .....	<i>Etheostoma wapili</i> .....	U.S.A. (AL, TN) .....	.....	E	525	NA	NA	NA
Do .....	.....do .....	.....do .....	.....	E	322	NA	NA	NA
Darter, Cherokee .....	<i>Etheostoma scotti</i> .....	U.S.A. (GA) .....	Entire .....	XN	747	NA	NA	17.84(o)
Darter, Cherokee .....			Entire .....		569	NA	NA	

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Darter, Cumberland	U.S.A. (KY, TN)	.....	E	791	NA	NA
Darter, duskytail	U.S.A. (TN, VA)	.....	E	502	NA	NA
Do	do	.....	XN	732	NA	17.84(q)
Do	do	.....	XN	.....	NA	17.84(q)
Darter, Etowah	U.S.A. (GA)	.....	E	569	NA	NA
Darter, fountain	U.S.A. (TX)	.....	E	2	17.95(e)	NA
Darter, goldline	U.S.A. (AL, GA, TN)	.....	T	462	NA	NA
Darter, leopard	U.S.A. (AR, OK)	.....	T	31	17.95(e)	17.44(d)
Darter, Maryland	U.S.A. (MD)	.....	E	1	17.95(e)	NA
Darter, Niangua	U.S.A. (MO)	.....	T	185	17.95(e)	17.44(k)
Darter, Okatosa	U.S.A. (FL)	.....	T	6, 787	NA	17.44(b)
Darter, relict	U.S.A. (KY)	.....	E	525	NA	NA
Darter, rush	U.S.A. (AL)	.....	E	791	NA	NA
Darter, slackwater	U.S.A. (AL, TN)	.....	T	28	17.95(e)	17.44(c)
Darter, snail	U.S.A. (AL, GA, TN)	.....	T	12, 150	NA	NA
Darter, vermilion	U.S.A. (AL)	.....	E	715	17.95(e)	NA
Darter, watercross	U.S.A. (AR)	.....	E	2	NA	NA
Darter, yellowcheek	U.S.A. (AR)	.....	T	791	NA	NA
Eulachon, Pacific (Southern DPS)	Thaleichthys pacificus	.....	E	776	NA	NA
Gambusia, Big Bend	Gambusia gaigei	.....	E	1	NA	NA
Gambusia, Clear Creek	Gambusia heteroptera	.....	E	1	NA	NA
Gambusia, Pecos	Gambusia nobilis	.....	E	2	NA	NA
Gambusia, San Marcos	Gambusia georgii	.....	E	98	17.95(e)	NA
Goby, idewater	Eucyprinodon newberryi	.....	E	527	17.95(e)	NA
Logperch, Conasauga	Percina jenkinsi	.....	E	196	17.95(e)	NA
Logperch, Roanoke	Percina rex	.....	E	359	NA	NA
Madtom, chucky	Noturus crypticus	.....	E	791	NA	NA
Madtom, Neostio	Noturus placidus	.....	T	388	NA	NA
Madtom, pygmy	Noturus stansburyi	.....	E	502	NA	NA
Do	do	.....	XN	.....	NA	17.84(t)
Madtom, Scioto	Noturus traumani	.....	E	10	NA	NA
Madtom, smoky	Noturus baileyi	.....	E	163	17.95(e)	NA
Do	do	.....	XN	732	NA	17.84(r)

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Madtom, yellowfin .....	<i>Noturus flavipinnis</i> .....	U.S.A. (TN, VA) .....	Entire, except where listed as an experimental population.	T	28	17.95(e) 17.44(c)		
Do .....	.....do .....	U.S.A. (TN, VA) .....	U.S.A. (TN, VA)—specified portions of the Holston River and watershed; see 17.84(e)(1)(i)).	XN	317	NA	17.84(e)	
Do .....	.....do .....	U.S.A. (TN) .....	U.S.A. (TN)—specified portions of the Tellico River; see 17.84(e)(1)(ii)).	XN	732	NA	17.84(e)	
Do .....	.....do .....	U.S.A. (TX) .....	U.S.A. (TN)—specified portions of the French Broad and Holston Rivers; see 17.84(e)(1)(iii)).	XN	.....	NA	17.84(e)	
Minnow, Devil's River .....	<i>Dionda diaboli</i> .....	U.S.A. (AZ, NM), Mexico .....	Entire .....	T	669	17.95(e)	NA	
Minnow, loach .....	<i>Tiaroga cobitis</i> .....	U.S.A. (AZ, NM), Mexico .....	.....do .....	E	247	17.95(e)	NA	
Minnow, Rio Grande silvery .....	<i>Hybognathus amarus</i> .....	U.S.A. (NM, TX), Mexico .....	Entire, except where listed as an experimental population.	E	543	17.95(e)	NA	
Do .....	.....do .....	.....do .....	Rio Grande, from Little Box Canyon (approximately 10.4 river miles downstream of Fort Quitman, TX) to Amistad Dam; and on the Pecos River, from its confluence with Independence Creek to its confluence with the Rio Grande.	XN	761	NA	17.84(u)	
Nekogigi (catfish) .....	<i>Coreobagrus ichikawai</i> .....	Japan .....	Entire, except Salt and Verde R. drainages, AZ .....	E	3	17.95(e)	NA	
Pikeminnow (=equifish), Colorado .....	<i>Ptychocheilus lucius</i> .....	U.S.A. (AZ, CA, CO, NM, NV, UT, WY), Mexico .....	Salt and Verde R. drainages, AZ .....	XN	1,193	NA	NA	
Do .....	.....do .....	.....do .....	Entire .....	E	1	17.95(e)	NA	
Poofish, Partrump .....	<i>Empetrichthys latos</i> .....	U.S.A. (NV) .....	.....do .....	E	117E, 127E, 130	NA	NA	
Poofish, Ash Meadows Amargosa minnows .....	<i>Cyprinodon nevadensis</i> .....	U.S.A. (NV) .....	.....do .....	E	1	17.95(e)	NA	
Pupfish, Comanche Springs .....	<i>Cyprinodon elegans</i> .....	U.S.A. (TX) .....	.....do .....	E	1	NA	NA	
Pupfish, desert .....	<i>Cyprinodon macularius</i> .....	U.S.A. (AZ, CA), Mexico .....	.....do .....	E	222	17.95(e)	NA	
Pupfish, Devil's Hole .....	<i>Cyprinodon diabolis</i> .....	U.S.A. (NV) .....	.....do .....	E	1	NA	NA	
Pupfish, Leon Springs .....	<i>Cyprinodon bovinus</i> .....	U.S.A. (TX) .....	.....do .....	E	102	17.95(e)	NA	
Pupfish, Owens .....	<i>Cyprinodon radiosus</i> .....	U.S.A. (CA) .....	.....do .....	E	1	NA	NA	
Pupfish, Warm Springs .....	<i>Cyprinodon nevadensis pectoralis</i> .....	U.S.A. (NV) .....	.....do .....	E	2	NA	NA	
Rockfish, canary (Puget Sound–Georgia Basin DPS) .....	<i>Sebastodesmarmoratus</i> .....	Pacific coast from Punta Conillet, Baja California, to the Western Gulf of Alaska.	T	776	NA	NA		
Rockfish, yelloweye (Puget Sound–Georgia Basin DPS) .....	<i>Sebastodesuberimus</i> .....	Pacific coast from northern Baja California to the Aleutian Islands, Alaska.	T	776	NA	NA		

Salmon, Atlantic (Gulf of Maine DPS).	<i>Salmo salar</i> .....	Gulf of Maine DPS—U.S.A. (ME), which includes all naturally reproducing populations and those river-specific hatchery populations cultured from them.	E	705	226.217	NA
Salmon, Chinook (California Coastal ESU).	<i>Oncorhynchus tshawytscha</i> .....	North America from Ventura River in California to Point Hope, Alaska, and the Mackenzie River area in Canada; northeast Asia from Hokkaido, Japan, to the Anadyr River, Russia. See 223.102.	T	674	226.211	NA
Salmon, Chinook (Central Valley spring-run ESU).	.....do.....	.....do.....	T	674	226.211	NA
Salmon, Chinook (Lower Columbia River ESU).	.....do.....	.....do.....	T	664	226.212	223.203

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Salmon, Chinook (Puget Sound ESU).		.....do .....	.....do .....	Puget Sound ESU—U.S.A. (WA), including all naturally spawned populations of Chinook salmon from rivers and streams flowing into Puget Sound including the Straits of Juan De Fuca from the Elwha River, eastward, including rivers and streams flowing into Hood Canal, South Sound, North Sound and the Strait of Georgia in Washington, as well as 26 artificial propagation programs: See 223.102.	T	664	226.212	223.203
Salmon, Chinook (Sacramento River winter-run ESU).		.....do .....	.....do .....	Sacramento River winter-run ESU—U.S.A. (CA), including all naturally spawned populations of winter-run Chinook salmon in the Sacramento River and its tributaries in California, as well as two artificial propagation programs: See 224.101(a).	E	383E, 407, 534	226.204	NA
Salmon, Chinook (Snake River fall ESU).		.....do .....	.....do .....	Snake River fall-run ESU—U.S.A. (ID, OR, WA), including all naturally spawned populations of fall-run Chinook salmon in the mainstem Snake River below Hells Canyon Dam, and in the Tucannon River, Grande Ronde River, Imnaha River, Salmon River, and Clearwater River, as well as four artificial propagation programs: See 223.102.	T	516, 557E	226.205	NA

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<p>Salmon, Chinook (Snake River spring/summer-run ESU).</p> <p>.....do .....</p> <p>.....do .....</p> <p>.....do .....</p> <p>.....do .....</p> <p>.....do .....</p> <p>.....do .....</p>	<p>.....do .....</p> <p>.....do .....</p> <p>.....do .....</p> <p>.....do .....</p> <p>.....do .....</p> <p>.....do .....</p>	<p>T 516 557E</p> <p>E 664</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<p>226.205</p> <p>226.212</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<p>NA</p> <p>NA</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>
<p>Salmon, Chinook (Upper Columbia spring-run ESU).</p> <p>.....do .....</p>	<p>.....do .....</p>	<p>.....</p>	<p>.....</p>	<p>.....</p>
<p>Salmon, Chinook (Upper Willamette River ESU).</p> <p>.....do .....</p>	<p>.....do .....</p>	<p>T 664</p>	<p>226.212</p>	<p>223.203</p>

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Salmon, chum (Columbia River ESU).		<i>Oncorhynchusketa</i> ....	North Pacific Rim from Korea and the Japanese island of Honshu east to Monterey Bay, California; Arctic Ocean; from the Laptev Sea in Russia to Mackenzie River in Canada.	Columbia River ESU—U.S.A. (OR, WA), including all naturally spawned populations of chum salmon in the Columbia River and its tributaries in Washington and Oregon, as well as three artificial propagation programs. See 223.102.	T	664	226.212	223.203
Salmon, chum (Hood Canal summer-run ESU).		.....do.....	.....do.....	Hood Canal summer-run ESU—U.S.A. (WA), including all naturally spawned populations of summer-run chum salmon in Hood Canal and its tributaries as well as populations in Olympic Peninsula rivers between Hood Canal and Dungeness Bay, Washington, as well as eight artificial propagation programs. See 223.102.	T	664	226.212	223.203
Salmon, coho (Central California Coast ESU).		<i>Oncorhynchuskisutch</i> .....	North Pacific Basin from U.S.A. (CA to AK) to Russia and Japan.	Central California Coast ESU—U.S.A. (CA), including all naturally spawned populations of coho salmon from Punta Gorda in northern California south to and including the San Lorenzo River in central California, as well as populations in tributaries to San Francisco Bay, excluding the Sacramento-San Joaquin River system, as well as four artificial propagation programs. See 224.101(a).	E	598	226.210	NA

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Sawfish, smalltooth (United States DPS).	<i>Pristispectinata</i>	.....	North Atlantic (Mediterranean, U.S., Atlantic and Gulf of Mexico) and the Southwest Atlantic.	United States, DPS, Gulf of Mexico from Texas to Florida and along the east coast from Florida to Cape Hatteras.	E	748	226218	NA
Sculpin, pygmy ..... Shiner, Arkansas River .....	<i>Cottus pygmaeus</i> ..... <i>Notropis girardi</i> .....	U.S.A. (AL) ..... U.S.A. (AR, KS, NM, OK, TX) .....	.....	Entire ..... Arkansas River Basin (AR, KS, NM, OK, TX). Entire .....	T	365 653	17.95(e) NA	17.44(u) NA
Shiner, beautiful .....	<i>Cyprinella formosa</i>	U.S.A. (AZ, NM), Mexico .....	.....	.....	T	157	17.95(e) NA	17.44(h)
Shiner, blue .....	<i>Cyprinella caerulea</i>	U.S.A. (AL, GA, TN) .....	.....	.....	T	462	NA	NA
Shiner, Cribra	<i>Notropis cahabae</i>	U.S.A. (AL) .....	.....	.....	E	405	NA	NA
Shiner, Cape Fear .....	<i>Notropis mekistocholas</i>	U.S.A. (NC) .....	.....	.....	E	290	17.95(e)	NA
Shiner, palauzone .....	<i>Notropis albizonatus</i>	U.S.A. (AL, KY, TN) .....	.....	.....	E	502	NA	NA
Shiner, Pecos bluntnose .....	<i>Notropis simus pecosensis</i> ..... ( <i>Notropis lopeki</i> = <i>trifilis</i> ) .....	U.S.A. (NM) .....	.....	.....	E	258	17.95(e) NA	17.44(i)
Shiner, Topeka .....	.....	U.S.A. (IA, KS, MN, MO, NE, SD). U.S.A. (NC) .....	.....	.....	E	654	17.95(e) NA	17.95(e)
Silverside, Waccanaw .....	<i>Hypomesus transpacificus</i>	U.S.A. (CA) .....	.....	.....	T	265	17.95(e)	17.44(s)
Smelt, delta .....	<i>Meda fuligata</i>	U.S.A. (NM) .....	.....	.....	T	492	17.95(e)	NA
Spinedace .....	<i>Lepidomeda mollispinis pratinus</i>	U.S.A. (NY) .....	.....	.....	E	236	17.95(e)	NA
Spinedace, Big Spring .....	<i>Lepidomeda vittata</i>	U.S.A. (AZ) .....	.....	.....	T	173	17.95(e) 1, 2D,	17.44(i)
Spinedace, Little Colorado .....	.....	.....	.....	.....	T	287	17.95(e)	17.44(t)
Spinemache, White River .....	<i>Crenichthys baileyi grandis</i>	U.S.A. (NV) .....	.....	.....	E	203	17.95(e)	NA
Springfish, Hiko White River .....	<i>Crenichthys nevadae</i>	.....	.....	.....	E	206	17.95(e)	NA
Springfish, Railroad Valley .....	<i>Crenichthys baileyi baileyi</i>	.....	.....	.....	E	224	17.95(e)	17.44(n)
Springfish, White River .....	<i>Onchotrichus mykiss</i>	.....	.....	.....	E	206	17.95(e)	NA
Steelhead (California Central Valley DPS).	.....	North Pacific Ocean from the Kanchatka Peninsula in Asia to the northern Baja Peninsula.	.....	California Central Valley DPS—U.S.A. (CA), including all naturally spawned anadromous O. mykiss steelhead populations below natural and manmade impassable barriers in the Sacramento and San Joaquin Rivers and their tributaries, excluding steelhead from San Francisco and San Pablo Bays and their tributaries. It also includes steelhead from the Coleman National Fish Hatchery and Feather River Hatchery programs.	T	638	226211	223.203

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<p>Steelhead (Central California Coast DPS).</p> <p>.....do.....</p> <p>.....do.....</p>	<p>.....do.....</p> <p>.....do.....</p>	<p>.....do.....</p>
<p>Central California Coast DPS—U.S.A. (CA), including all naturally spawned anadromous <i>O. mykiss</i> (steelhead) populations below natural and man-made impassable barriers in California streams from the Russian River (inclusive) to Apóstol Creek (inclusive), and the drainages of San Francisco and San Pablo Bays eastward to Chippis Island at the confluence of the Sacramento and San Joaquin Rivers. Tributary streams to Suisun Marsh, including Suisun Creek, Green Valley Creek, and unnamed tributary to Cordelia Slough (commonly referred to as Red Top Creek), excluding the Sacramento-San Joaquin River Basin. It also includes steelhead from the Don Clausen Fish Hatchery and Kingfisher Flat Hatchery—Scott Creek (Monterey Bay Salmon and Trout Project) programs.</p>	<p>.....do.....</p>	<p>.....do.....</p>
<p>Steelhead (Lower Columbia River DPS).</p>		
<p>.....do.....</p>	<p>.....do.....</p>	<p>.....do.....</p>

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Steelhead (Middle Columbia River DPS).		.....do .....	.....do .....	Middle Columbia River DPS—U.S.A. (OR, WA), including all naturally spawned anadromous <i>O. mykiss</i> (steelhead) populations below natural and man-made impassable barriers in streams from above the Wind River, Washington, and the Hood River, Oregon (exclusive), upstream to, and including, the Yakima River, Washington, excluding <i>O. mykiss</i> from the Snake River Basin. It also includes steelhead from seven artificial propagation programs. See 223.102.	T	664	226.212	223.203
Steelhead (Northern California DPS).		.....do .....	.....do .....	Northern California DPS—U.S.A. (CA), including all naturally spawned anadromous <i>O. mykiss</i> (steelhead) populations below natural and man-made impassable barriers in California coastal river basins from Redwood Creek southward to, but not including, the Russian River. It also includes steelhead from the Yager Creek Hatchery, and North Fork Gualala River Hatchery (Gualala River Steelhead Project) hatchery programs.	T	701	226.211	NA

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Steelhead (Puget Sound DPS) .....	.....do .....	.....do .....	T	776	NA	223.203
		Puget Sound DPS—U.S.A. (WA), including all naturally spawned anadromous <i>O. mykiss</i> (steelhead) populations, from streams in the river basins of the Strait of Juan de Fuca, Puget Sound, and Hood Canal, Washington, bounded to the west by the Elwha River (inclusive) and to the north by the Nooksack River and Dakota Creek (inclusive), as well as the Green River, natural and Hama-Hamma winter-run steelhead hatchery stocks.	T	638	226.212	223.203
Steelhead (Snake River Basin DPS).	.....do .....	.....do .....	T	638	226.211	223.203
Steelhead (South Central California Coast DPS).	.....do .....	.....do .....	E	638	226.211	NA
Steelhead (Southern California DPS).	.....do .....	.....do .....				

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Steelhead (Upper Columbia River DPS).	.....do .....	.....do .....	.....do .....	Upper Columbia River DPS—U.S.A. (WA), including all naturally spawned anadromous Omykiss (steelhead) populations below natural and manmade impassable barriers in streams in the Columbia River Basin upstream from the Yakima River, Washington, to the U.S.–Canada border, as well as six artificial propagation programs. See 223.102.	T	638	226.212	NA
Steelhead (Upper Willamette River DPS).	.....do .....	.....do .....	.....do .....	Upper Willamette River DPS—U.S.A. (OR), including all naturally spawned anadromous Omykiss (steelhead) populations below natural and manmade impassable barriers in the Willamette River, Oregon, and its tributaries upstream from Willamette Falls to the Calapooia River, inclusive.	T	664	226.212	223.203
Stickleback, unarmored threespine Sturgeon, Alabama	<i>Gasterosteus aculeatus</i> williamsoni. <i>Scaphirhynchus suttkusi</i> .....	.....	U.S.A. (CA) .....	NA .....	E	2	NA	NA
Sturgeon, beluga	<i>Huso huso</i> .....	.....	U.S.A. (AL, MS) .....	NA .....	E	697	17.95(e)	NA
Sturgeon, Gulf	<i>Acipenser oxyrinchus</i> ( <i>=oxyrinchus</i> ) <i>desotoi</i> . <i>Acipenser medirostris</i> .....	.....	U.S.A. (AL, FL, GA, LA, MS) .....	.....do .....	T	743	17.44(y)	NA
Sturgeon, North American green (Southern DPS).	.....	.....	U.S.A. (CA) .....	.....do .....	T	756	17.95(e), 226.214 226.219	17.44(y) 223.210
Sturgeon, pallid	<i>Scaphirhynchus albus</i> .....	.....	U.S.A. (AR, IA, IL, KS, KY, LA, MO, MS, MI, ND, NE, SD, TN). .....	.....do .....	E	399	NA	NA

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Sturgeon, shortnose .....	<i>Acipenser brevirostrum</i> .....	U.S.A. and Canada (Atlantic Coast). U.S.A. (AL, AR, IA, IL, IN, KS, KY, LA, MN, MO, MS, MT, ND, NE, NM, OH, OK, PA, SD, TN, TX, WI, WV, WY).	do .....	E	1	NA	NA
Sturgeon, shovelnose .....	<i>Scaphirhynchus platorhynchus</i> .....	U.S.A. (AL, AR, IA, IL, IN, KS, KY, LA, MN, MO, MS, MT, ND, NE, NM, OH, OK, PA, SD, TN, WA), Canada (BC).	do .....	T (SA)	778	NA	17.44(aa)
Sturgeon, white .....	<i>Acipenser transmontanus</i> .....	U.S.A. (AK, CA, ID, MT, OR, WA), Canada (BC).	Entire .....	E	549	17.95(e)	NA
Sucker, June .....	<i>Chasmistes liorus</i> .....	U.S.A. (UT) .....	do .....	E	223	17.95(e)	NA
Sucker, Lost River .....	<i>Deltistes luxatus</i> .....	U.S.A. (CA) .....	do .....	E	313	NA	NA
Sucker, Modoc .....	<i>Catostomus micros</i> .....	U.S.A. (AZ, CA, CO, NM, NV, UT, WY), Mexico.	do .....	E	184	17.95(e)	NA
Sucker, razorback .....	<i>Xyrauchen texanus</i> .....	U.S.A. (CA) .....	do .....	E	447	17.95(e)	NA
Sucker, Santa Ana .....	<i>(Catostomus sanctanae)</i> .....	Los Angeles River basin, San Gabriel River basin, Santa Ana River basin.	Entire .....	T	694	17.95(e)	NA
Sucker, shortnose .....	<i>Chasmistes brevirostris</i> .....	U.S.A. (CA, OR) .....	do .....	E	313	NA	NA
Sucker, Warner .....	<i>Catostomus warnerensis</i> .....	U.S.A. (OR) .....	do .....	T	205	17.95(e)	17.44(l)
Tango, Miyako (Tokyo bittern) .....	<i>Tanakia tanago</i> .....	Japan .....	do .....	E	3	NA	NA
Temoleah, Ikan (minnow) .....	<i>Probaribus julieni</i> .....	Thailand, Cambodia, Vietnam, Malaysia, Laos.	do .....	E	15	NA	NA
Topminnow, Gila (incl. Yaqui) .....	<i>Poeciliopsis occidentalis</i> .....	U.S.A. (AZ, NM, California) .....	U.S.A. only .....	E	1	NA	NA
Totoaba (sea trout or weakfish) .....	<i>Cynodonichthys macdonaldi</i> .....	Mexico (Gulf of California) .....	Entire .....	E	48	NA	NA
Trout, Apache .....	<i>Oncorhynchus apache</i> .....	U.S.A. (AZ) .....	do .....	T	1.8	NA	17.44(a)
Trout, bull .....	<i>Salvelinus confluentus</i> .....	U.S.A. (AK, Pacific NW into CA, ID, NV, MT) Canada (NW Territories).	U.S.A., coterminous (lower 48 states), except where listed as an experimental population.	T	637,	17.95(e)	17.44(w), 17.44(x)
Trout, bull .....	<i>Salvelinus confluentus</i> .....	U.S.A. (AK, Pacific NW into CA, ID, NV, MT) Canada (NW Territories).	Clackamas River subbasin and the mainstem Willamette River, from Willamette Falls to its points of confluence with the Columbia River, including Multnomah Channel.	XN	659, 670	NA	17.84(v)
Do .....	<i>Oncorhynchus gilae</i> .....	U.S.A. (AZ, NM) .....	Entire .....	T	1,757	NA	17.44(z)
Do .....	<i>Oncorhynchus clarkii stoma</i> .....	U.S.A. (CO) .....	do .....	T	1,38	NA	17.44(f)
Do .....	<i>Oncorhynchus clarkii henryi</i> .....	U.S.A. (CA, NV, OR, UT) .....	do .....	T	2,8	NA	17.44(a)
Do .....	<i>Oncorhynchus aguacalensis</i> .....	U.S.A. (CA) .....	do .....	T	37	NA	17.44(e)
Do .....	<i>Oncorhynchus clarkii seleniris</i> .....	do .....	do .....	T	1.8	NA	17.44(a)
Do .....	<i>Plagiotremus argenteus</i> .....	U.S.A. (AZ, NV, UT) .....	Entire, except Gila R. drainage, AZ, NM.	E	2,193	17.95(e)	NA
Do .....	<i>do</i> .....	do .....	Gila R. drainage, AZ, NM .....	XN	193	NA	17.84(b)
Abalone, white .....	<i>Halicidion sorenseni</i> .....	North America (West coast from Point Conception, CA, U.S.A., to Punta Abreojos, Baja California, Mexico).	NA .....	E	748	NA	NA
Acornshell, southern .....	<i>Epioblasma obtularogenesis</i> .....	U.S.A. (AL, GA, TN) .....	NA .....	E	495	17.95(f)	NA
Bankclimber, purple (mussel) .....	<i>Elliptioidea striatulus</i> .....	U.S.A. (AL, FL, GA) .....	NA .....	T	633	17.95(f)	NA
Bean, Cumberland (pearlymussel) .....	<i>Villosa trabalis</i> .....	U.S.A. (AL, KY, TN, VA) .....	NA .....	E	15	NA	NA

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Common name	Scientific name						
Do .....	.....do .....	.....do .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)).	XN	709	NA	17.85(a)
Do .....	.....do .....	.....do .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	XN	.....	NA	17.85(b)
Bean, Purple	<i>Villosa purpuraea</i>	U.S.A. (TN, VA) .....	NA .....	E	602	17.95(f)	NA
Blossom, green (pearlymussel)	<i>Epioblasma torulosa gubernaculum</i>	U.S.A. (AL, IN, KY, TN, WV) .....	NA .....	E	15	NA	NA
Blossom, tubercled (pearlymussel)	<i>Epioblasma torulosa torulosa</i>	.....do .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)).	E	709	NA	17.85(a)
Do .....	.....do .....	.....do .....	NA .....	E	15	NA	NA
Blossom, turgid (pearlymussel)	<i>Epioblasma turgida</i>	U.S.A. (AL, TN) .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)).	E	15	NA	NA
Do .....	.....do .....	.....do .....	NA .....	E	709	NA	17.85(a)
Blossom, yellow (pearlymussel)	<i>Epioblasma florentina florentina</i>	.....do .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)).	E	15	NA	NA
Do .....	.....do .....	.....do .....	NA .....	E	709	NA	17.85(a)
Catspaw, (=purple cat's paw pearlymussel).	<i>Epioblasma</i>	U.S.A. (AL, IL, IN, KY, OH, TN) .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)).	E	394	NA	NA
Do .....	.....do .....	.....do .....	NA .....	E	709	NA	17.85(a)
Catspaw, white (pearlymussel)	<i>Epioblasma obliquata perobliqua</i>	U.S.A. (IN, MI, OH) .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)).	E	15	NA	NA
Clubshell	<i>Pleurobema clava</i>	U.S.A. (AL, IL, IN, KY, MI, OH, PA, TN, WV)	NA .....	E	488	NA	NA
Do .....	.....do .....	.....do .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)).	E	709	NA	17.85(a)
Clubshell, black	<i>Pleurobema curtum</i>	U.S.A. (AL, MS) .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)).	E	262	NA	NA
Clubshell, ovate	<i>Pleurobema perovatum</i>	U.S.A. (AL, TN, GA, MS) .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	E	495	17.95(f)	NA
Clubshell, southern	<i>Pleurobema decisum</i>	.....do .....	.....	E	495	17.95(f)	NA
Combshell, Cumberlandian	<i>Epioblasma brevidens</i>	U.S.A. (AL, KY, MS, TN, VA) .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)).	E	602	17.95(f)	NA
Do .....	.....do .....	.....do .....	NA .....	E	709	NA	17.85(a)
Do .....	.....do .....	.....do .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	XN	.....	NA	17.85(b)
Combshell, southern	<i>Epioblasma (=Dysnomia) penita</i>	U.S.A. (AL, MS) .....	.....	.....	.....	.....	.....
Combshell, upland	<i>Epioblasma metastrata</i>	U.S.A. (AL, GA, TN) .....	.....	E	262	17.95(f)	NA
Elktoe, Appalachian	<i>Alestesidonta ravenelliana</i>	U.S.A. (NC, TN) .....	.....	E	495	17.95(f)	NA
Elktoe, Cumberland	<i>Alestesidonta atropurpurea</i>	U.S.A. (KY, TN) .....	.....	E	563	17.95(f)	NA
			.....	E	602	17.95(f)	NA

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Fanshell .....	Cyprogenia stegaria (=irrata) .....	U.S.A. (AL, IL, IN, KY, OH, PA, TN, VA, WV). . . . .	NA .....	NA	NA
Do .....	.....do .....	.....do .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	NA .....	17.85(b)
Fatmucket, Arkansas	Lampsiliis powelli .....	U.S.A. (AR) .....	Entire .....	E	391
Heelsplitter, Alabama (=inflated)	Potamilus inflatus .....	U.S.A. (AL, LA, MS) .....	.....do .....	T	382
Heelsplitter, Carolina .....	Lasmigona decorata .....	U.S.A. (NC, SC) .....	.....do .....	T	404
Higgins eye (pearlymussel)	Lampsiliis higginsii .....	U.S.A. (IA, IL, MIN, MO, NE, WI) .....	.....do .....	E	505
Kidneyshell, triangular	Psychobranchus greenii .....	U.S.A. (AL, GA, TN) .....	.....do .....	E	15
Lampmussel, Alabama	Lampsiliis virescens .....	U.S.A. (AL, TN) .....	.....do .....	E	495
Do .....	.....do .....	.....do .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)).	E	17.85(a)
Liliput, pale (pearlymussel)	Toxolasma cylindellus .....	U.S.A. (AL, IA, IL, IN, KY, MN, MO, NE, OH, OK, TN, WI) .....	Entire .....	E	15
Mapleleaf, winged (mussel)	Quadrula fragosa .....	.....do .....	.....do .....	E	426
Do .....	.....do .....	.....do .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)).	XN	709
Moccasinshell, Alabama	Medionidus acutissimus .....	U.S.A. (AL, GA, MS) .....	NA .....	NA	17.85(a)
Moccasinshell, Coosa	Medionidus parvulus .....	U.S.A. (AL, GA, TN) .....	NA .....	T	495
Moccasinshell, Gulf	Medionidus penicillatus .....	U.S.A. (FL, GA) .....	NA .....	E	495
Moccasinshell, Ochlockonee	Medionidus simpsonianus .....	U.S.A. (FL, GA) .....	NA .....	E	633
Monkeyface, Appalachian (pearymussel).	Quadrula sparsa .....	U.S.A. (TN, VA) .....	.....do .....	E	633
Do .....	.....do .....	.....do .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	E	15
Monkeyface, Cumberland (pearymussel).	Quadrula intermedia .....	U.S.A. (AL, TN, VA) .....	NA .....	XN	709
Do .....	.....do .....	.....do .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)).	E	17.85(a)
Do .....	.....do .....	.....do .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	XN	.....
Mucket, orange-nacre	Lampsiliis perovalis .....	U.S.A. (AL, MS) .....	Entire .....	T	495
Mucket, pink (pearlymussel)	Lampsiliis abrupta .....	U.S.A. (AL, AR, IL, IN, KY, LA, MO, OH, PA, TN, VA, WV) .....	NA .....	E	15
Mussel, oyster	Epiofiaasma capsaeformis .....	U.S.A. (AL, GA, KY, MS, NC, TN, VA) .....	NA .....	E	602
Do .....	.....do .....	.....do .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)).	XN	709
Do .....	.....do .....	.....do .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	XN	.....

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Mussel, rayed bean .....	<i>Villosa fabalis</i> .....	U.S.A. (IL, IN, KY, MI, NY, OH, PA, TN, VA, WV); Canada (ON).	NA .....	E	798	NA	NA	NA
Mussel, scaleshell .....	<i>Leptodea leptodon</i> .....	U.S.A. (AL, AR, IA, IL, IN, KY, MO, OH, OK, SD, TN, WI).	NA .....	E	714	NA	NA	NA
Mussel, snuffbox .....	<i>Epioblasma triquestra</i> .....	U.S.A. (AL, AR, IL, IN, IA, KS, KY, MI, MN, MS, MO, NY, OH, PA, TN, VA, WI); Canada (ON).	NA .....	E	798	NA	NA	NA
Pearlshell, Louisiana .....	<i>Margaritifera hemphilli</i> .....	U.S.A. (LA) .....	Entire .....	T	304, 518	NA	NA	NA
Pearl mussel, birdwing .....	<i>Lemiox lirinosus</i> .....	U.S.A. (AL, TN, VA) .....	do .....	E	15	NA	NA	17.85(a)
Do .....	do .....	do .....	do .....	XN	709	NA	NA	17.85(a)
Pearl mussel, cracking .....	<i>Hemisema latera</i> .....	U.S.A. (AL, IL, IN, KY, OH, TN, VA) .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)). U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	XN	.....	.....	NA	17.85(b)
Do .....	do .....	do .....	do .....	E	366	NA	NA	NA
Do .....	do .....	do .....	do .....	XN	709	NA	NA	17.85(a)
Pearl mussel, dromedary .....	<i>Dromus dromas</i> .....	U.S.A. (AR, MO) .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)). U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	E	15	NA	NA	17.85(a)
Do .....	do .....	do .....	do .....	E	15	NA	NA	17.85(b)
Do .....	do .....	do .....	do .....	XN	709	NA	NA	17.85(a)
Pearl mussel, Curtis .....	<i>Epioblasma florrentina curtisi</i> .....	U.S.A. (AL, KY, TN, VA) .....	Entire .....	E	15	NA	NA	NA
Pearl mussel, dromedary .....	<i>Dromus dromas</i> .....	do .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)). U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	E	15	NA	NA	17.85(a)
Do .....	do .....	do .....	do .....	XN	.....	.....	NA	17.85(b)
Pearl mussel, little-wing .....	<i>Pegas fabula</i> .....	U.S.A. (AL, KY, NC, TN, VA) .....	Entire .....	E	342	NA	NA	NA
Pearl mussel, Nicklin's .....	<i>Megalonautilus nickliniana</i> .....	Mexico .....	do .....	E	15	NA	NA	NA
Pearl mussel, Tampico .....	<i>Cyprinoides tampicensis tecumatorensis</i> .	do .....	do .....	E	15	NA	NA	NA
Pigtoe, Cumberland .....	<i>Pleurobema gibberum</i> .....	U.S.A. (TN) .....	do .....	E	423	NA	NA	NA
Pigtoe, dark .....	<i>Pleurobema furvum</i> .....	U.S.A. (AL) .....	NA .....	E	495	17.95(f)	NA	NA
Pigtoe, fine-rayed .....	<i>Fusconaia cuneulus</i> .....	U.S.A. (AL, TN, VA) .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)).	E	15	NA	NA	17.85(a)
Do .....	do .....	do .....	do .....	XN	709	NA	NA	17.85(a)
Do .....	do .....	do .....	do .....	XN	.....	.....	NA	17.85(b)

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Pigtoe, flat .....	<i>Pleurobema marshalli</i>	U.S.A. (AL, MS) .....	Entire .....	E	262	NA
Pigtoe, Georgia .....	<i>Pleurobema hanleyianum</i>	U.S.A. (AL, GA, TN) .....	NA .....	E	777	17.95(f)
Pigtoe, heavy .....	<i>Pleurobema taitianum</i>	U.S.A. (AL, MS) .....	Entire .....	E	262	NA
Pigtoe, oval .....	<i>Pleurobema pyriforme</i>	U.S.A. (AL, FL, GA) .....	NA .....	E	633	17.95(f)
Pigtoe, rough .....	<i>Pleurobema plemum</i>	U.S.A. (AL, IN, KY, PA, TN, VA) .....	NA .....	E	15	NA
Do .....	.....do .....	.....do .....	.....do .....	XN	.....	17.85(b)
Pigtoe, shiny .....	<i>Fusconaia cor</i>	U.S.A. (AL, TN, VA) .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(a)(1)).	E	15	NA
Do .....	.....do .....	.....do .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	XN	709	NA
Do .....	.....do .....	.....do .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	E	495	17.95(f)
Pigtoe, southern .....	<i>Pleurobema georgianum</i>	U.S.A. (AL, GA, TN) .....	NA .....	E	15	NA
Pimpleback, orangefoot (pearlymussel). Do .....	<i>Platobusis cooperanus</i>	U.S.A. (AL, IA, IL, IN, KY, OH, PA, TN) .....	NA .....	XN	.....	NA
Pocketbook, fat .....	<i>Potamilus capax</i>	U.S.A. (AR, IA, IL, IN, KY, MO, MS, OH) .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	E	15	NA
Pocketbook, fine-lined .....	<i>Lampsilis affinis</i>	U.S.A. (AL, GA) .....	Entire .....	T	495	17.95(f)
Rock-pocketbook, Ouachita .....	<i>Arkansa wheeleri</i>	U.S.A. (AR, OK) .....	NA .....	E	446	NA
Pocketbook, shinyrayed .....	<i>Lampsilis subangulata</i>	U.S.A. (AL, FL, GA) .....	Entire .....	E	633	17.95(f)
Pocketbook, speckled .....	<i>Lampsilis streckeri</i>	U.S.A. (AR) .....	NA .....	E	345	NA
Rabbitfoot, rough .....	<i>Quadrula cylindrica</i>	U.S.A. (TN, VA) .....	Entire .....	E	602	17.95(f)
Rifleshell, northern .....	<i>Epioblasma torulosa rangiana</i>	U.S.A. (IL, IN, KY, MI, OH, PA, WV), Canada (Ont.) .....	Entire .....	E	488	NA
Rifleshell, tan .....	<i>Epioblasma florentina walkeri</i> (=E. walkeri).	U.S.A. (AL, KY, NC, TN, VA) .....	.....do .....	E	27	NA
Pink, ring (mussel) .....	<i>Obovaria retusa</i>	U.S.A. (AL, IL, IN, KY, OH, PA, TN, WV) .....	NA .....	E	369	NA
Do .....	.....do .....	.....do .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	XN	.....	NA
Sheepnose .....	<i>Platobusis cyprinus</i>	U.S.A. (AL, IL, IN, IA, KY, MN, MS, MO, OH, PA, TN, VA, WV, WI) .....	NA .....	E	.....	NA
Slabshell, Chipola .....	<i>Elliptio chipolaensis</i>	U.S.A. (AL, FL) .....	NA .....	T	633	17.95(f)
Spectaculaceae .....	<i>Cumberanda monodonta</i>	U.S.A. (AR, IL, IN, IA, KS, KY, MN, MO, OH, TN, VA, WV, WI) .....	NA .....	E	.....	NA
Spiny mussel, Altamaha .....	<i>Elliptio spinosa</i>	U.S.A. (GA) .....	Entire .....	E	796	17.95(f)
Spiny mussel, James .....	<i>Pleurobema collina</i>	U.S.A. (VA, WV) .....	.....do .....	E	316	NA
Spiny mussel, Tar River .....	<i>Elliptio steinbiansana</i>	U.S.A. (NC) .....	.....do .....	E	188	NA
Stirrupshell, fat (mussel) .....	<i>Quadrula stapes</i>	U.S.A. (AL, MS) .....	.....do .....	E	262	NA
Threendge, fat (mussel) .....	<i>Ambloia naesieri</i>	U.S.A. (FL, GA) .....	.....do .....	E	633	17.95(f)
Wartyback, white (pearlymussel) .....	<i>Platobusis cicatricosus</i>	U.S.A. (AL, IL, IN, KY, TN) .....	NA .....	E	15	NA

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Common name	Species	Scientific name	Historic Range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Do .....	.....do .....	.....do .....	.....do .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	XN .....	.....	NA	17.85(b)
Wedge mussel, dwarf .....	<i>Alasmidonta heterodon</i> .....	.....	U.S.A. (CT, DC, DE, MA, MD, NC, NH, NJ, NY, PA, VA, VT), Canada (N.B.).	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	E 377	NA	NA	NA
SNAILS	<i>Haliotis ruderodii</i> .....	.....	North America (West coast from Crescent City, CA, USA, to Cape San Lucas, Baja California, Mexico).	Entire .....	E 776	NA	NA	NA
Avalone, Black .....	<i>Oxyloima haydeni kanabensis</i> .....	.....	U.S.A. (AZ, UT) .....	Entire .....	E 431E, 459, 477	NA	NA	NA
Ambersnail, Kanab .....	<i>Campeloma decampi</i> .....	.....	U.S.A. (AL) .....	do .....	E 688	NA	NA	NA
Campeloma, slender .....	<i>Antrobia culveri</i> .....	.....	U.S.A. (MO) .....	NA .....	E 731	17.95(f)	NA	NA
Cavernal, Tumbling Creek .....	<i>Elmina crenatella</i> .....	.....	U.S.A. (AL) .....	Entire .....	T 651	NA	NA	NA
Elmina, lacy (snail) .....	<i>Pleurocerca foremani</i> .....	.....	do .....	Entire .....	E 777	17.95(f)	NA	NA
Hornsnail, rough .....	<i>Lanx</i> sp. .....	.....	U.S.A. (ID) .....	Entire .....	E 485	NA	NA	NA
Limpet, Barnby Springs .....	<i>Lioplax cylindrica</i> .....	.....	U.S.A. (AL, GA) .....	do .....	E 651	NA	NA	NA
Lipoplax, cylindrical (snail) .....	<i>Ptycholopha ogmophorpha</i> .....	.....	U.S.A. (TN) .....	do .....	E 538	NA	NA	NA
Martineze (snail), royal .....	<i>Leprynum showalteri</i> .....	.....	U.S.A. (AL) .....	do .....	E 651	NA	NA	NA
Pebblesnail, flat .....	<i>Assiminea pecos</i> .....	.....	U.S.A. (NM, TX) .....	NA .....	E 770	17.95(f)	NA	NA
Pecos assiminea .....	<i>Athenaria anthonyi</i> .....	.....	U.S.A. (AL, GA, TN) .....	do .....	E 538	NA	NA	NA
Riversnail, Anthony's .....	.....do .....	.....	.....do .....	U.S.A. (AL—specified portions of the Tennessee River; see 17.85(e)(1)).	XN 709	NA	17.85(a)	NA
Do .....	.....do .....	.....	.....do .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)).	XN .....	NA	17.85(b)	NA
Rocksnail, interrupted .....	<i>Leptoxis foremani</i> .....	.....	U.S.A. (AL, GA) .....	.....	E 777	17.95(f)	NA	NA
Rocksnail, painted .....	<i>Leptoxis taeniata</i> .....	.....	U.S.A. (AL) .....	.....	E 651	NA	NA	NA
Rocksnail, plicate .....	<i>Leptoxis plicata</i> .....	.....	do .....	.....	E 651	NA	NA	NA
Rocksnail, round .....	<i>Leptoxis amplia</i> .....	.....	do .....	.....	E 348	NA	NA	NA
Shagreen, Magazine Mountain .....	<i>Mesodon magazinensis</i> .....	.....	U.S.A. (AR) .....	do .....	E 688	NA	NA	NA
Snail, armored .....	<i>Pyrgulopsis (=Marstonia) pachytia</i> .....	.....	U.S.A. (AL) .....	do .....	E 485	NA	NA	NA
Snail, Bliss Rapids .....	<i>Taylorconcha serpentula</i> .....	.....	U.S.A. (ID) .....	do .....	T 41	NA	NA	NA
Snail, Chittenden oval amber .....	<i>Succinea chittendenangensis</i> .....	.....	U.S.A. (NY) .....	do .....	E 41	NA	NA	NA
Snail, flat-spined three-toothed .....	<i>Triodopsis playayoides</i> .....	.....	U.S.A. (WV) .....	do .....	E 41	NA	NA	NA
Snail, Iowa Pleistocene .....	<i>Discus maculicollis</i> .....	.....	U.S.A. (IA, IL) .....	do .....	E 3	NA	NA	NA
Snail, Manus Island tree .....	<i>Papuistyla pulcherrima</i> .....	.....	Pacific Ocean—Admiralty Is. (Manus Is.).	do .....	E 3	NA	NA	NA
Snail, Mono shoulderband (—Banded dune), Newcomb's .....	<i>Helminthoglypta walkeri</i> .....	.....	U.S.A. (CA) .....	NA .....	E 567	17.95(f)	NA	NA
Snail, Newcomb's .....	<i>Erina newcombi</i> .....	.....	U.S.A. (HI) .....	Entire .....	T 680	17.95(f)	NA	NA
Snail, hoonday .....	<i>Mesodon clarki nananaria</i> .....	.....	U.S.A. (NC) .....	do .....	T 41	NA	NA	NA
Snail, painted snake coiled forest .....	<i>Anguispira picta</i> .....	.....	U.S.A. (TN) .....	do .....	T 41	NA	NA	NA

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Snail, Snake River physa .....	U.S.A. (ID) .....	do .....	NA
Snail, Stock Island tree .....	U.S.A. (FL) .....	do .....	NA
Snail, <i>Tulotoma magnifica</i> .....	U.S.A. (AL) .....	do .....	NA
<i>Polygyriscus virginianus</i> .....	U.S.A. (VA) .....	do .....	NA
<i>Achatinella</i> spp. ....	U.S.A. (HI) .....	do .....	NA
<i>Tyonia alamosae</i> .....	U.S.A. (NM) .....	do .....	NA
<i>Pyrgulopsis bruneauensis</i> .....	U.S.A. (ID) .....	do .....	NA
<i>Pyrgulopsis crupadera</i> .....	U.S.A. (NM) .....	NA .....	NA
<i>Juturnia kosteri</i> .....	.....	NA .....	NA
<i>Pyrgulopsis roswellensis</i> .....	.....	NA .....	NA
<i>Pyrgulopsis bernardina</i> .....	U.S.A. (AZ); Mexico (Sonora) .....	Entire .....	17.95(f)
<i>Pyrgulopsis neomexicana</i> .....	U.S.A. (NM) .....	do .....	NA
<i>Pyrgulopsis trivialis</i> .....	U.S.A. (AZ) .....	do .....	NA
<b>INSECTS</b>			
Beetle, American burying .....	U.S.A. (eastern States south to FL, west to SD and TX), eastern Canada	Entire, except where listed as an experimental population.	NA
Beetle, Casey's June .....	U.S.A. (eastern States south to FL, west to SD and TX), eastern Canada.	In southwestern Missouri, the counties of Cedar, St. Clair, Bates, and Vernon.	17.85(c)
Beetle, Coffin Cave mold .....	U.S.A. (CA) .....	Entire .....	NA
Beetle, Comal Springs dryopid .....	U.S.A. (TX) .....	do .....	NA
Beetle, Comal Springs riffle .....	.....	do .....	NA
Beetle, delta green ground .....	.....	do .....	NA
Beetle, Helotes mold .....	.....	do .....	NA
Beetle, Hungerford's crawling water. ....	.....	do .....	NA
Beetle, Kretschmar Cave mold .....	U.S.A. (TX) .....	do .....	NA
Beetle, Mount Harmon June .....	.....	do .....	NA
Beetle, [no common name] .....	.....	do .....	NA
Beetle, [no common name] .....	.....	do .....	NA
Beetle, northeast beach tiger ...	.....	do .....	NA
Beetle, Ohione tiger .....	.....	do .....	NA
Beetle, Puritan tiger .....	.....	do .....	NA
Beetle, Salt Creek tiger .....	.....	do .....	NA
Beetle, Tooth Cave ground .....	.....	do .....	NA
Beetle, valley elderberry longhorn .....	.....	do .....	NA
Butterfly, bay checkerspot .....	.....	do .....	NA
Butterfly, Benen's silverspot .....	.....	do .....	NA
Butterfly, callippe silverspot .....	.....	do .....	NA
Butterfly, Corsican swallowtail .....	Corsica, Sardinia .....	Entire .....	NA
Butterfly, E Segundo blue .....	U.S.A. (CA) .....	do .....	NA
Butterfly, Fenders blue .....	U.S.A. (OR) .....	NA .....	17.95(i)
Butterfly, Homerus swallowtail .....	Jamaica .....	Entire .....	NA
Butterfly, Karner blue .....	U.S.A. (IL, IN, MA, MI, MN, NH, NY, OH, PA, WI), Canada (Ont.) .....	do .....	NA

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Butterfly, Lange's metalmark	<i>Apodemia momo langei</i>	U.S.A. (CA) .....	do .....	do .....	E	14	NA	NA
Butterfly, Iota blue	<i>Lycenea argyronomon iota</i>	do .....	do .....	do .....	E	14	NA	NA
Butterfly, Luzon peacock swallow-tail	<i>Papilio chikae</i>	Philippines .....	do .....	do .....	E	486	NA	NA
Butterfly, Miami blue	<i>Cyclargus thomasi bethunebakeri</i>	U.S.A. (FL), Bahamas .....	NA .....	Entire .....	E	801	NA	NA
Butterfly, mission blue	<i>Icaricia icarioides missionensis</i>	U.S.A. (CA) .....	do .....	do .....	E	14	NA	NA
Butterfly, Mitchell's satyr	<i>Neonympha mitchelli mitchelli</i>	U.S.A. (IN, MI, NJ, OH) .....	do .....	do .....	E	428E,	NA	NA
Butterfly, Myrtle's silverspot	<i>Speyeria zerene myrtleae</i>	U.S.A. (CA) .....	do .....	do .....	E	469	NA	NA
Butterfly, Oregon silverspot	<i>Speyeria zerene hippolyta</i>	U.S.A. (CA, OR, WA) .....	do .....	Entire .....	E	472	NA	NA
Butterfly, Palos Verdes blue	<i>Glaucopsyche lygdamus</i>	U.S.A. (CA) .....	do .....	do .....	E	95	17.95(i)	NA
Butterfly, Queen Alexandra's birdwing	<i>Troides alexandrae</i>	Papua New Guinea .....	do .....	do .....	E	96	17.95(i)	NA
Butterfly, Quino checkerspot	<i>Euphydryas edith quino</i>	U.S.A. (CA), Mexico .....	do .....	do .....	E	364	NA	NA
Butterfly, Saint Francis' satyr	<i>Neonympha mitchelli francisci</i>	U.S.A. (NC) .....	do .....	do .....	E	604	17.95(i)	NA
Butterfly, San Bruno elfin	<i>Callophrys mossii bayensis</i>	U.S.A. (CA) .....	do .....	do .....	E	538E,	NA	NA
Butterfly, Schaus swallowtail	<i>Heraculides aristodemus</i>	U.S.A. (FL) .....	do .....	do .....	E	574	NA	NA
Butterfly, Smith's blue	<i>Euphilotes enopis smithi</i>	U.S.A. (CA) .....	do .....	do .....	E	14	NA	NA
Butterfly, Uncompahgre iridary	<i>Bolotia acrocnema</i>	U.S.A. (CO) .....	do .....	do .....	E	13, 159	NA	NA
Damselfly, flying earwig Hawaiian	<i>Megalagrion nesiotes</i>	U.S.A. (HI) .....	NA .....	do .....	E	14	NA	NA
Damselfly, Pacific Hawaiian	<i>Megalagrion pacificum</i>	do .....	NA .....	do .....	E	427	NA	NA
Dragonfly, Hine's emerald	<i>Somatopterla hineana</i>	U.S.A. (AL, IL, IN, MI, MO, OH, and WI) .....	U.S.A. (AL, IL, IN, MI, MO, OH, and WI) .....	do .....	E	271	NA	NA
Fly, Delhi Sands flower-loving	<i>Rhabdomidas terminatus abdominalis</i>	U.S.A. (CA) .....	Entire .....	do .....	E	271	NA	NA
Fly, Hawaiian picture-wing	<i>Drosophila igata</i>	U.S.A. (HI) .....	NA .....	do .....	E	573	17.95(i)	NA
Fly, Hawaiian picture-wing	<i>Drosophila differens</i>	do .....	NA .....	do .....	E	517	NA	NA
Fly, Hawaiian picture-wing	<i>Drosophila hemipepla</i>	do .....	NA .....	do .....	E	756	17.95(i)	NA
Fly, Hawaiian picture-wing	<i>Drosophila heteroneura</i>	do .....	NA .....	do .....	E	756	17.95(i)	NA
Fly, Hawaiian picture-wing	<i>Drosophila montgomeryi</i>	do .....	NA .....	do .....	E	756	17.95(i)	NA
Fly, Hawaiian picture-wing	<i>Drosophila mulii</i>	do .....	NA .....	do .....	E	756	17.95(i)	NA
Fly, Hawaiian picture-wing	<i>Drosophila musaphila</i>	do .....	NA .....	do .....	E	756	17.95(i)	NA
Fly, Hawaiian picture-wing	<i>Drosophila neocavifrons</i>	do .....	NA .....	do .....	E	756	17.95(i)	NA
Fly, Hawaiian picture-wing	<i>Drosophila obatai</i>	do .....	NA .....	do .....	E	756	17.95(i)	NA
Fly, Hawaiian picture-wing	<i>Drosophila ochrobas</i>	do .....	NA .....	do .....	E	756	17.95(i)	NA
Fly, Hawaiian picture-wing	<i>Drosophila sharpae</i>	do .....	NA .....	do .....	E	765	17.95(i)	NA
Fly, Hawaiian picture-wing	<i>Drosophila subsimilis</i>	do .....	NA .....	do .....	E	756	17.95(i)	NA
Fly, Hawaiian picture-wing	<i>Drosophila tephrytricha</i>	do .....	NA .....	do .....	E	756	17.95(i)	NA
Grasshopper, zayante band-winged	<i>Timemoropsis infantilis</i>	do .....	NA .....	do .....	E	605	17.95(i)	NA
Moth, Blackburn's sphinx	<i>Manduca blackburni</i>	U.S.A. (HI) .....	NA .....	Entire .....	E	682	17.95(i)	NA
Moth, Kern pimrose sphinx	<i>Euproserpinus euterpe</i>	U.S.A. (CA) .....	do .....	do .....	E	91	NA	NA
Naucorid, Ash Meadows	<i>Ambrysus amargosus</i>	U.S.A. (NV) .....	do .....	do .....	T	181	17.95(i)	NA

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<i>Pseudocoelocnemis eunus</i>	U.S.A. (CA, NV) .....	U.S.A., (Lassen County, CA; Washoe County, NV); Entire .....	NA
<i>obscurus.</i>	U.S.A. (CA) .....	..do .....	17.95(i) NA
<i>Pyrgus rurals lagunae</i> .....	U.S.A. (CO) .....	..do .....	NA
<i>Hesperia leonardus montana</i> .....	U.S.A. (TX) .....	..do .....	NA
<i>Texella reddelli</i> .....	..do .....	..do .....	327, 513 327, 513
<i>Texella reyesi</i> .....	..do .....	..do .....	NA
<i>Texella cokendolpheri</i> .....	..do .....	..do .....	706
<i>Circurina venii</i> .....	..do .....	..do .....	17.95(g) NA
<i>Circurina vespera</i> .....	..do .....	..do .....	706
<i>Cicurina madda</i> .....	U.S.A. (HI) .....	NA .....	17.95(g) NA
<i>Cicurina baroma</i> .....	U.S.A. (NC, TN) .....	NA .....	17.95(g) NA
<i>Tartarocreatris texana</i> .....	U.S.A. (TX) .....	Entire .....	706
<i>Neoleptoneta microps</i> .....	..do .....	..do .....	327
<i>Adelocosa anops</i> .....	U.S.A. (DC) .....	..do .....	706
<i>Microhexura montivaga</i> .....	U.S.A. (IL) .....	..do .....	17.95(g) NA
<i>Neoleptoneta myopica</i> .....	U.S.A. (HI) .....	..do .....	642
<i>Stygobromus hayi</i> .....	U.S.A. (NM) .....	..do .....	676
<i>Gammarellus achirondytes</i> .....	U.S.A. (TX) .....	..do .....	770
<i>Sphaerothercius kolobana</i> .....	..do .....	..do .....	17.95(h) NA
<i>Gammarellus desperatus</i> .....	..do .....	..do .....	629
<i>Stygobromus (=Stigonectes) Pecki</i> .....	U.S.A. (AR) .....	Entire .....	115
<i>Cambarus acutalatum</i> .....	..do .....	..do .....	NA
<i>Cambarus zophonastes</i> .....	..do .....	..do .....	263
<i>Oreconches shoupi</i> .....	..do .....	..do .....	242
<i>Parastacus fonsi</i> .....	..do .....	..do .....	337
<i>Branchinecta conservatio</i> .....	..do .....	..do .....	NA
<i>Branchinecta longantennata</i> .....	..do .....	..do .....	552
<i>Streptocephalus woottoni</i> .....	..do .....	..do .....	552
<i>Branchinecta sandiegensis</i> .....	..do .....	..do .....	512
<i>Branchinecta lynchii</i> .....	U.S.A. (CA, OR) .....	NA .....	608
<i>Lirceus usdagalum</i> .....	U.S.A. (VA) .....	Entire .....	17.95(h) NA
<i>Antrolana lira</i> .....	..do .....	..do .....	483
<i>Thermosphaeroma thermophilus</i> .....	U.S.A. (NM) .....	..do .....	123
<i>Palaeomona alabamae</i> .....	U.S.A. (AL) .....	..do .....	36
<i>Synecetes pacifica</i> .....	U.S.A. (CA) .....	..do .....	NA
<i>Palaeomona ganteri</i> .....	U.S.A. (KY) .....	..do .....	323
<i>Palaeomona cummingi</i> .....	U.S.A. (FL) .....	..do .....	340
<i>Lepidurus packardi</i> .....	U.S.A. (CA) .....	..do .....	135
<i>Acropora palmata</i> .....	..do .....	..do .....	350
<i>Coral, elkhorn</i> .....	..do .....	..do .....	552
			17.95(h) NA
			17.46(e) NA
			NA .....

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Species	Common name	Scientific name	Historic Range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Coral, staghorn .....	.....	<i>Acropora cervicornis</i> .....	..... do .....	NA .....	.....	T	756	226.216

Symbols used in the four left columns:

“ Do.” or “ do.” (Ditto) indicates the entry is the same as the column entry directly above.

Symbol used in the “When listed” column:

A—Indicates a correction to the publication with the same “When listed” number.

D—Indicates FR where species was Delisted; relisting of the species is indicated by subsequent number(s).

E—Indicated Emergency rule publication (see FR document for effective dates); subsequent number(s) indicate FR final rule, if applicable, under “When listed”.

**U.S. Fish and Wildlife Serv., Interior****§ 17.11**

- 1—32 FR 4001; March 11, 1967.  
2—35 FR 16047; October 13, 1970.  
3—35 FR 8495; June 2, 1970.  
4—35 FR 18320; December 2, 1970.  
5—37 FR 6176; March 28, 1972.  
6—38 FR 14678; June 4, 1973.  
7—39 FR 44991; December 30, 1974.  
8—40 FR 29864; July 16, 1975.  
9—40 FR 31736; July 28, 1975.  
10—40 FR 44151; September 25, 1975.  
11—40 FR 44418; September 26, 1975.  
12—40 FR 47506; October 9, 1975.  
13—41 FR 17740; April 28, 1976.  
14—41 FR 22044; June 1, 1976.  
15—41 FR 24064; June 14, 1976.  
15A—41 FR 26019; June 24, 1976.  
16—41 FR 45993; October 19, 1976.  
17—41 FR 51021; November 19, 1976.  
18—41 FR 51612; November 23, 1976.  
19—41 FR 53034; December 3, 1976.  
20—42 FR 2076; January 10, 1977.  
21—42 FR 2968; January 14, 1977.  
22—42 FR 15971; March 24, 1977.  
24—42 FR 28545; June 3, 1977.  
25—42 FR 37373; July 21, 1977.  
26—42 FR 40685; August 11, 1977.  
27—42 FR 42353; August 23, 1977.  
28—42 FR 45528; September 9, 1977.  
29—42 FR 58757; November 11, 1977.  
30—42 FR 60745; November 29, 1977.  
31—43 FR 3715; January 27, 1978.  
32—43 FR 4028; January 31, 1978.  
33—43 FR 4621; February 3, 1978.  
34—43 FR 6233; February 14, 1978.  
35—43 FR 9612; March 9, 1978.  
36—43 FR 12691; March 27, 1978.  
37—43 FR 15429; April 13, 1978.  
38—43 FR 16345; April 18, 1978.  
40—43 FR 20504; May 12, 1978.  
41—43 FR 28932; July 3, 1978.  
42—43 FR 32808; July 28, 1978.  
43—43 FR 34480; August 4, 1978.  
45—44 FR 21289; April 10, 1979.  
46—44 FR 23064; April 17, 1979.  
48—44 FR 29480; May 21, 1979.  
50—44 FR 37126; June 25, 1979.  
51—44 FR 37132; June 25, 1979.  
52—44 FR 42911; July 20, 1979.  
54—44 FR 49220; August 21, 1979.  
60—44 FR 59084; October 12, 1979.  
85—44 FR 69208; November 30, 1979.  
86—44 FR 70677; December 7, 1979.  
87—44 FR 75076; December 18, 1979.  
88—45 FR 18010; March 20, 1980.  
90—45 FR 21833; April 2, 1980.  
91—45 FR 24090; April 8, 1980.  
92—45 FR 27713; April 23, 1980.  
93—45 FR 28722; April 30, 1980.  
94—45 FR 35823; May 28, 1980.  
95—45 FR 44938; July 2, 1980.  
96—45 FR 44942; July 2, 1980.  
97—45 FR 47353; July 14, 1980.  
98—45 FR 47363; July 14, 1980.  
99—45 FR 52806; August 8, 1980.  
100—45 FR 52810; August 8, 1980.  
102—45 FR 54680; August 15, 1980.  
103—45 FR 55666; August 20, 1980.  
105—45 FR 63820; September 25, 1980.  
106—45 FR 65134; October 1, 1980.  
108—46 FR 3182; January 13, 1981.  
111—46 FR 11665; February 10, 1981.  
112—46 FR 40025; August 6, 1981.  
113—46 FR 40669; August 10, 1981.  
114—47 FR 4211; January 28, 1982.  
115—47 FR 5427; February 5, 1982.  
117—47 FR 19999; May 10, 1982.  
119—47 FR 31672; July 21, 1982.  
123—47 FR 43701; October 4, 1982.  
124—47 FR 43962; October 5, 1982.  
125—47 FR 46093; October 15, 1982.  
127—48 FR 612; January 5, 1983.  
128—48 FR 1726; January 14, 1983.  
129—48 FR 28464; June 22, 1983.  
130—48 FR 40184; September 2, 1983.  
131—48 FR 43043; September 21, 1983.  
132—48 FR 46057; October 11, 1983.  
134—48 FR 46336; October 12, 1983.  
135—48 FR 46341; October 12, 1983.  
136—48 FR 49249; October 25, 1983.  
138—49 FR 1994; January 17, 1984.  
139—49 FR 2783; January 23, 1984.  
142—49 FR 7335; February 28, 1984.  
143—49 FR 7394; February 29, 1984.  
144—49 FR 7398; February 29, 1984.  
145—49 FR 10526; March 20, 1984.  
146—49 FR 14356; April 11, 1984.  
149—49 FR 22330; May 29, 1984.  
150—49 FR 27514; July 5, 1984.  
156—49 FR 33885; August 27, 1984.  
157—49 FR 34494; August 31, 1984.  
159—49 FR 34504; August 31, 1984.  
160—49 FR 34510; August 31, 1984.  
161—49 FR 35954; September 13, 1984.  
163—49 FR 43069; October 26, 1984.  
164—49 FR 43969; November 1, 1984.  
166—49 FR 45163; November 15, 1984.  
168—49 FR 49639; December 21, 1984.  
169—50 FR 1056; January 9, 1985.  
170—50 FR 4226; January 30, 1985.  
171—50 FR 4945; February 4, 1985.  
173—50 FR 12302; March 28, 1985.  
174—50 FR 12305; March 28, 1985.  
181—50 FR 20786; May 20, 1985.  
182—50 FR 21792; May 28, 1985.  
183—50 FR 23884; June 6, 1985.  
184—50 FR 24530; June 11, 1985.  
185—50 FR 24653; June 12, 1985.  
186—50 FR 25678; June 20, 1985.  
188—50 FR 26575; June 27, 1985.  
189—50 FR 27002; July 1, 1985.  
193—50 FR 30194; July 24, 1985.  
195—50 FR 31596; August 5, 1985.  
196—50 FR 31603; August 5, 1985.  
203—50 FR 37198; September 12, 1985.  
205—50 FR 39117; September 27, 1985.  
206—50 FR 39123; September 27, 1985.  
210—50 FR 50308; December 10, 1985.  
211—50 FR 50733; December 11, 1985.  
212—50 FR 51252; December 16, 1985.  
216—51 FR 6690; February 25, 1986.  
222—51 FR 10850; March 31, 1986.  
223—51 FR 10857; March 31, 1986.  
224—51 FR 10864; March 31, 1986.  
227—51 FR 16047; April 30, 1986.

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228—51 FR 16482; May 2, 1986.  
233—51 FR 17980; May 16, 1986.  
236—51 FR 23781; July 1, 1986.  
239—51 FR 27495; July 31, 1986.  
241—51 FR 31422; September 3, 1986.  
242—51 FR 34412; September 26, 1986.  
246—51 FR 34425; September 26, 1986.  
247—51 FR 39478; October 28, 1986.  
248—51 FR 41796; November 19, 1986.  
250—51 FR 45910; December 23, 1986.  
251—52 FR 28; January 5, 1987.  
258—52 FR 5302; February 20, 1987.  
262—52 FR 11169; April 7, 1987.  
263—52 FR 11172; April 7, 1987.  
265—52 FR 11286; April 8, 1987.  
267—52 FR 20719; June 3, 1987.  
268—52 FR 20999; June 3, 1987.  
269—52 FR 21063; June 4, 1987.  
272—52 FR 22430; June 11, 1987.  
273—52 FR 22585; June 12, 1987.  
278—52 FR 22943; June 16, 1987.  
279—52 FR 23151; June 17, 1987.  
280—52 FR 25232; July 6, 1987.  
281—52 FR 25380; July 7, 1987.  
282—52 FR 28785; August 3, 1987.  
283—52 FR 28831; August 4, 1987.  
284—52 FR 29780; August 11, 1987.  
287—52 FR 35040; September 16, 1987.  
288—52 FR 35378; September 18, 1987.  
289—52 FR 36180; September 25, 1987.  
290—52 FR 36038; September 25, 1987.  
292—52 FR 36779; October 1, 1987.  
294—52 FR 37423; October 6, 1987.  
296—52 FR 42068; November 2, 1987.  
299—52 FR 42662; November 6, 1987.  
304—53 FR 3570; February 5, 1988.  
312—53 FR 25611; July 8, 1988.  
313—53 FR 27134; July 18, 1988.  
316—53 FR 27693; July 22, 1988.  
317—53 FR 29337; August 4, 1988.  
320—53 FR 33992; September 1, 1988.  
322—53 FR 33998; September 1, 1988.  
323—53 FR 34698; September 7, 1988.  
327—53 FR 36033; September 16, 1988.  
328—53 FR 37970; September 28, 1988.  
334—53 FR 38453; September 30, 1988.  
336—53 FR 38460; September 30, 1988.  
337—53 FR 38465; September 30, 1988.  
338—53 FR 38469; September 30, 1988.  
340—53 FR 43889; October 31, 1988.  
342—53 FR 45865; November 14, 1988.  
345—54 FR 8341; February 28, 1989.  
348—54 FR 15208; April 17, 1989.  
349—54 FR 20602; May 12, 1989.  
350—54 FR 22906; May 30, 1989.  
351—54 FR 29655; July 13, 1989.  
357—54 FR 32331; August 4, 1989.  
358—54 FR 34468; August 18, 1989.  
359—54 FR 34472; August 18, 1989.  
361—54 FR 35311; August 24, 1989.  
364—54 FR 38951; September 21, 1989.  
365—54 FR 39849; September 28, 1989.  
366—54 FR 39853; September 28, 1989.  
369—54 FR 40112; September 29, 1989.  
370—54 FR 41453; October 10, 1989.  
371—54 FR 43969; October 30, 1989.  
372—54 FR 47861; November 17, 1989.

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376—55 FR 9136; March 12, 1990.  
377—55 FR 9451; March 14, 1990.  
378—55 FR 12191; April 2, 1990.  
382—55 FR 12801; April 5, 1990.  
383—55 FR 12832; April 6, 1990.  
384—55 FR 13488; April 10, 1990.  
387—55 FR 18845; May 4, 1990.  
388—55 FR 21153; May 22, 1990.  
390—55 FR 25591; June 21, 1990.  
391—55 FR 25595; June 21, 1990.  
393—55 FR 26194; June 26, 1990.  
394—55 FR 28213; July 10, 1990.  
396—55 FR 32094; August 7, 1990.  
399—55 FR 36647; September 6, 1990.  
400—55 FR 39416; September 27, 1990.  
401—55 FR 39860; September 28, 1990.  
404—55 FR 39872; September 28, 1990.  
405—55 FR 42966; October 25, 1990.  
407—55 FR 49623; November 30, 1990.  
408—55 FR 50006; December 4, 1990.  
410—55 FR 51112; December 12, 1990.  
411—55 FR 53160; December 27, 1990.  
412—56 FR 800; January 9, 1991.  
415—56 FR 1459; January 14, 1991.  
416—56 FR 1463; January 14, 1991.  
417—56 FR 1463; January 14, 1991.  
419—56 FR 13600; April 3, 1991.  
421—56 FR 19814; April 30, 1991.  
423—56 FR 21087; May 7, 1991.  
426—56 FR 28349; June 20, 1991.  
427—56 FR 28717; June 24, 1991.  
428—56 FR 28828; June 25, 1991.  
431—56 FR 37671; August 8, 1991.  
432—56 FR 40267; August 14, 1991.  
433—56 FR 41488; August 21, 1991.  
442—56 FR 49649; September 30, 1991.  
443—56 FR 49653; September 30, 1991.  
444—56 FR 49658; September 30, 1991.  
446—56 FR 54957; October 23, 1991.  
447—56 FR 54967; October 23, 1991.  
449—56 FR 56333; November 4, 1991.  
454—56 FR 64723; December 12, 1991.  
455—57 FR 213; January 3, 1992.  
456—57 FR 594; January 7, 1992.  
459—57 FR 13661; April 17, 1992.  
462—57 FR 14790; April 22, 1992.  
469—57 FR 21569; May 20, 1992.  
472—57 FR 27858; June 22, 1992.  
475—57 FR 28024; June 23, 1992.  
477—57 FR 44340; September 25, 1992.  
479—57 FR 45337; October 1, 1992.  
483—57 FR 54726; November 20, 1992.  
484—57 FR 59244; December 14, 1992.  
485—57 FR 59257; December 14, 1992.  
486—58 FR 4359; January 14, 1993.  
487—58 FR 5657; January 22, 1993.  
488—58 FR 5642; January 22, 1993.  
489—58 FR 5946; January 25, 1993.  
492—58 FR 12863; March 5, 1993.  
493—58 FR 12874; March 5, 1993.  
494—58 FR 14271; March 16, 1993.  
495—58 FR 14339; March 17, 1993.  
496—58 FR 16757; March 30, 1993.  
499—58 FR 25746; April 27, 1993.  
502—58 FR 25763; April 27, 1993.  
503—58 FR 27480; May 10, 1993.  
505—58 FR 34931; June 30, 1993.

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- 508—58 FR 40538; July 28, 1993.  
512—58 FR 41391; August 3, 1993.  
513—58 FR 43819; August 18, 1993.  
514—58 FR 49874; September 23, 1993.  
516—58 FR 49880; September 23, 1993.  
517—58 FR 49887; September 23, 1993.  
518—58 FR 49937; September 24, 1993.  
520—58 FR 53804; October 18, 1993.  
522—58 FR 54065; October 20, 1993.  
525—58 FR 68486; December 27, 1993.  
526—59 FR 5310; February 3, 1994.  
527—59 FR 5498; February 4, 1994.  
533—59 FR 10584; March 7, 1994.  
534—59 FR 13836; March 23, 1994.  
538—59 FR 17998; April 15, 1994.  
539—59 FR 18327; April 18, 1994.  
540—59 FR 31095; June 16, 1994.  
543—59 FR 36995; July 20, 1994.  
545—59 FR 42691; August 18, 1994.  
546—59 FR 42711; August 18, 1994.  
549—59 FR 46002; September 6, 1994.  
550—59 FR 46715; September 9, 1994.  
552—59 FR 48153; September 19, 1994.  
554—59 FR 49764; September 29, 1994.  
557—59 FR 54841; November 2, 1994.  
561—59 FR 60264; November 22, 1994.  
562—59 FR 60279; November 22, 1994.  
563—59 FR 60334; November 23, 1994.  
566—59 FR 63264; December 8, 1994.  
567—59 FR 64623; December 15, 1994.  
568—59 FR 64866; December 16, 1994.  
569—59 FR 65512; December 20, 1994.  
571—60 FR 2903; January 12, 1995.  
573—60 FR 5273; January 26, 1995.  
574—60 FR 5267; January 26, 1995.  
576—60 FR 6974; February 6, 1995.  
577—60 FR 10715; February 27, 1995.  
579—60 FR 18947; April 13, 1995.  
580—60 FR 36010; July 12, 1995.  
582—61 FR 11332; March 20, 1996.  
583—61 FR 25832; May 23, 1996.  
585—61 FR 32366; June 24, 1996.  
588—61 FR 48413; September 13, 1996.  
597—61 FR 54056; October 16, 1996.  
598—61 FR 59028; November 20, 1996.  
600—62 FR 689; January 6, 1997.  
602—62 FR 1657; January 10, 1997.  
604—62 FR 2322; January 16, 1997.  
605—62 FR 3628; January 24, 1997.  
607—62 FR 4191; January 29, 1997.  
608—62 FR 4939; February 3, 1997.  
610—62 FR 10746; March 10, 1997.  
612—62 FR 23392; April 30, 1997.  
614—62 FR 30772; June 5, 1997.  
616—62 FR 31757; June 11, 1997.  
617—62 FR 31761; June 11, 1997.  
618—62 FR 33038; June 18, 1997.  
621—62 FR 38939; July 21, 1997.  
622—62 FR 39157; July 22, 1997.  
626—62 FR 59622; November 4, 1997.  
628—62 FR 64320; December 5, 1997.  
629—62 FR 66303; December 18, 1997.  
630—63 FR 694; January 7, 1998.  
631—63 FR 1763; January 12, 1998.  
632—63 FR 3843; January 27, 1998.  
633—63 FR 12687; March 16, 1998.  
634—63 FR 13150; March 18, 1998.  
636—63 FR 26530; May 13, 1998.  
637—63 FR 31674; June 10, 1998.  
638—63 FR 32997; June 17, 1998.  
639—63 FR 42762; August 11, 1998.  
642—63 FR 46909; September 3, 1998.  
645—63 FR 51016; September 24, 1998.  
646—63 FR 52837; October 1, 1998.  
651—63 FR 57619; October 28, 1998.  
653—63 FR 64799; November 23, 1998.  
654—63 FR 69021; December 15, 1998.  
655—63 FR 70062; December 18, 1998.  
656—64 FR 5981; February 8, 1999.  
658—64 FR 15704; April 1, 1999.  
659—64 FR 17124; April 8, 1999.  
660—64 FR 19308; April 20, 1999.  
664—64 FR 41836; August 2, 1999.  
665—64 FR 47134; August 30, 1999.  
669—64 FR 56608; October 20, 1999.  
670—64 FR 58932; November 1, 1999.  
674—64 FR 72960; December 29, 1999.  
675—65 FR 30; January 3, 2000.  
676—65 FR 2357; January 14, 2000.  
677—65 FR 3109; January 19, 2000.  
679—65 FR 3890; January 25, 2000.  
680—65 FR 4169; January 26, 2000.  
682—65 FR 4779; February 1, 2000.  
687—65 FR 8889; February 23, 2000.  
688—65 FR 10039; February 25, 2000.  
692—65 FR 16085; March 24, 2000.  
693—65 FR 17786; April 5, 2000.  
694—65 FR 19698; April 12, 2000.  
695—65 FR 25879; May 4, 2000.  
696—65 FR 20769; April 18, 2000.  
697—65 FR 26461; May 5, 2000.  
698—65 FR 26771; May 9, 2000.  
700—65 FR 46654; July 31, 2000.  
701—65 FR 51478; September 7, 2000.  
702—65 FR 57264; September 21, 2000.  
703—65 FR 60885; October 13, 2000.  
705—65 FR 69481; November 17, 2000.  
706—65 FR 69637; November 17, 2000.  
707—65 FR 81433; December 26, 2000.  
709—66 FR 32257; June 14, 2001.  
710—66 FR 33915; June 26, 2001.  
713—66 FR 50350; October 3, 2001.  
714—66 FR 51339; October 9, 2001.  
715—66 FR 59373; November 28, 2001.  
716—66 FR 59545; November 29, 2001.  
718—66 FR 63002; December 4, 2001.  
719—66 FR 66811; December 27, 2001.  
724—67 FR 37721; May 30, 2002.  
725—70 FR 3459; January 24, 2005.  
726—67 FR 40811; June 13, 2002.  
728—67 FR 44392; July 2, 2002.  
729—67 FR 47739; July 22, 2002.  
730—67 FR 51129; August 7, 2002.  
731—67 FR 52889; August 14, 2002.  
732—67 FR 52426; August 12, 2002.  
734—68 FR 13520; March 19, 2003.  
735—68 FR 15872; April 1, 2003.  
738—68 FR 43658; July 24, 2003.  
740—69 FR 70190; December 17, 2003.  
741—69 FR 3028; January 22, 2004.  
742—70 FR 67928; November 9, 2005.  
743—70 FR 10485; March 4, 2005.  
744—69 FR 47248; August 4, 2004.  
745—70 FR 1285; January 6, 2005.

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747—70 FR 17916; April 8, 2005.  
 748—70 FR 69465; November 16, 2005.  
 754—70 FR 58350; October 6, 2005.  
 755—70 FR 66706; November 2, 2005.  
 756—71 FR 26851; May 9, 2006.  
 757—71 FR 40673; July 18, 2006.  
 758—71 FR 42314; July 26, 2006.  
 759—72 FR 14938; March 29, 2007.  
 760—73 FR 3178; January 16, 2008.  
 761—73 FR 74370; December 8, 2008.  
 763—74 FR 46930; September 14, 2009.  
 764—74 FR 52010; October 8, 2009.  
 765—75 FR 19045; April 13, 2010.  
 766—75 FR 249; January 5, 2010.  
 767—75 FR 43853, 43864; July 27, 2010.  
 769—75 FR 21188; April 23, 2010.  
 770—75 FR 33053; June 7, 2011.  
 771—75 FR 45526; August 3, 2010.  
 774—75 FR 81814; December 28, 2010.  
 775—75 FR 59656; December 28, 2010.  
 776—76 FR 20560; April 13, 2011.  
 777—75 FR 67539; November 2, 2010.  
 778—75 FR 53604; September 1, 2010.  
 779—76 FR 30780; May 26, 2011.  
 781—75 FR 76132; December 7, 2010.  
 782—76 FR 25609; May 5, 2011.  
 783—76 FR 50079; August 11, 2011.  
 784—76 FR 9691; February 22, 2011.  
 785—76 FR 6080; February 3, 2011.  
 787—76 FR 18102; April 1, 2011.  
 789—76 FR 31873; June 2, 2011.  
 791—76 FR 48741; August 9, 2011.  
 793—76 FR 58994; September 22, 2011.  
 794—76 FR 58950; September 22, 2011.  
 795—76 FR 61978; October 6, 2011.  
 796—76 FR 62954; October 11, 2011.  
 798—77 FR 8664; February 14, 2012.  
 799—77 FR 43467; July 24, 2012.

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800—77 FR 16717; March 22, 2012.  
 801—77 FR 20986; April 6, 2012.  
 803—77 FR 26211; May 3, 2012.  
 807—77 FR 45893; August 1, 2012.

EDITORIAL NOTES: 1. For FEDERAL REGISTER citations affecting the table in § 17.11(h), see the listing above.

2: For FEDERAL REGISTER citations affecting § 17.11, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at [www.fdsys.gov](http://www.fdsys.gov).

3. At 77 FR 20986, Apr. 6 2012, the table in § 17.11(h) was amended by adding new entries for “Butterfly, cassius blue”, “Butterfly, ceraunus blue”, and “Butterfly, nickerbean blue”; however, the amendment could not be incorporated.

EFFECTIVE DATE NOTE: At 77 FR 57744, Sept. 18, 2012, § 17.11(h), the List of Endangered and Threatened Wildlife, was amended by adding entries for “Damselfly, blackline Hawaiian”, “Damselfly, crimson Hawaiian”, and “Damselfly, oceanic Hawaiian”, in alphabetical order under INSECTS, effective Oct. 18, 2012. For the convenience of the user, the added text is set forth as follows:

### § 17.11 Endangered and threatened wildlife.

\* \* \* \* \*

(h) \* \* \*

Common name	Scientific name	Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
* * * * *							
INSECTS							
Damselfly, blackline Hawaiian.	<i>Megalagrion nigrohamatum nigrolineatum.</i>	U.S.A. (HI) .....	*	NA E	.....	17.95(i)	NA
Damselfly, crimson Hawaiian.	<i>Megalagrion leptodemas.</i>	U.S.A. (HI) .....	*	NA E	.....	17.95(i)	NA
Damselfly, oceanic Hawaiian.	<i>Megalagrion oceanicum.</i>	U.S.A. (HI) .....	*	NA E	.....	17.95(i)	NA
* * * * *							

## § 17.12 Endangered and threatened plants.

(a) The list in this section contains the names of all species of plants which have been determined by the Services

to be Endangered or Threatened. It also contains the names of species of plants treated as Endangered or